

FIG. 1

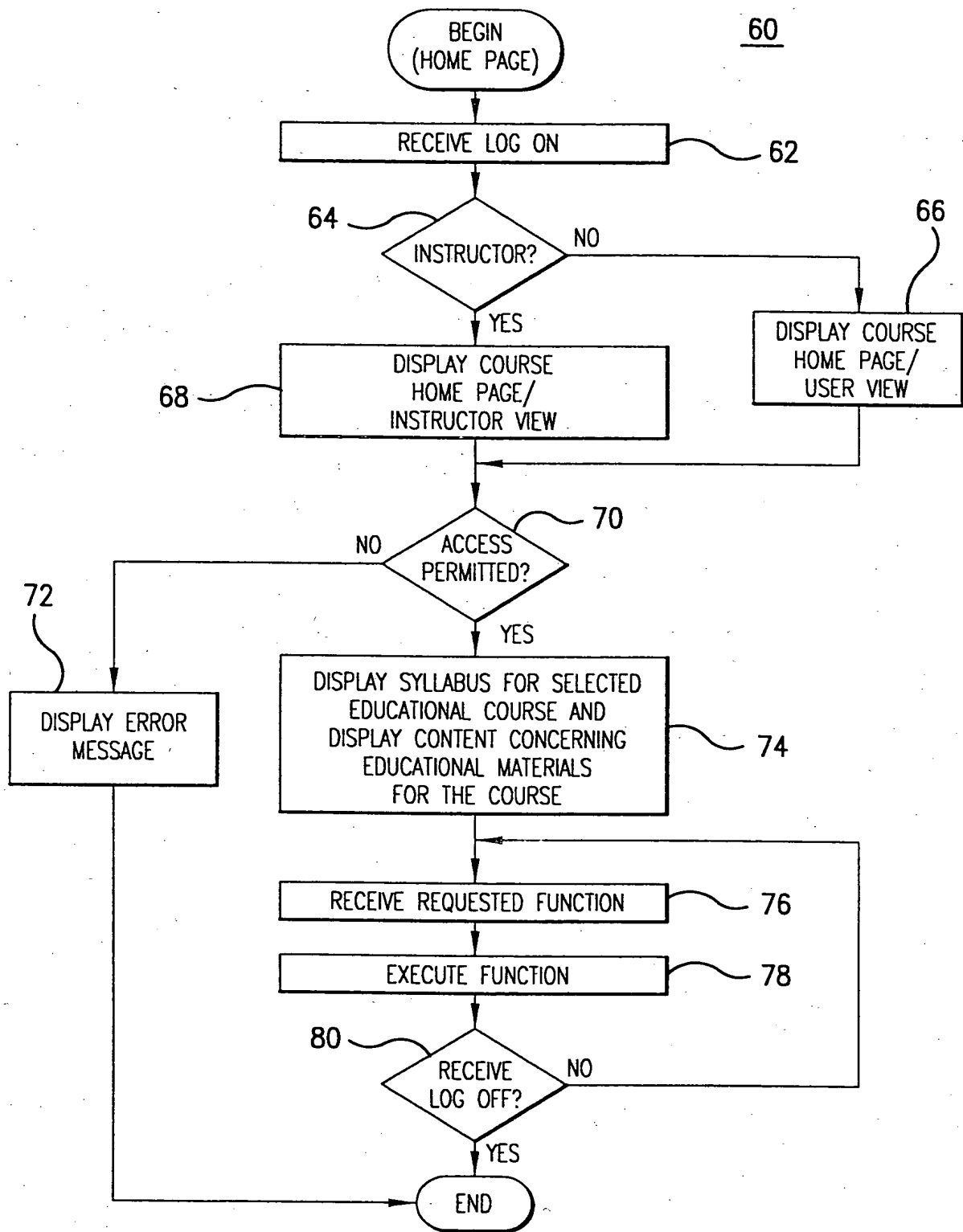


FIG. 1A

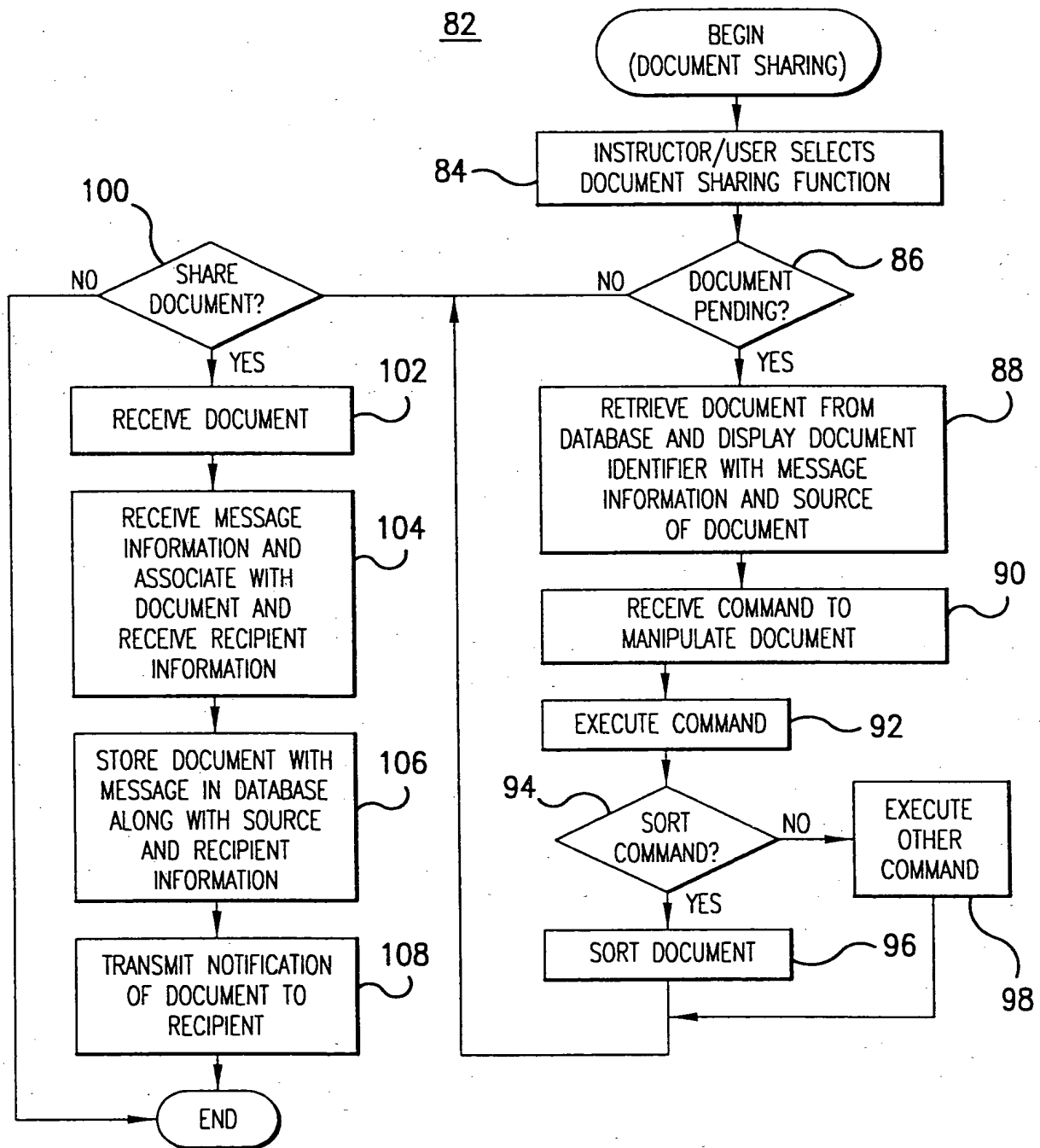


FIG. 1B

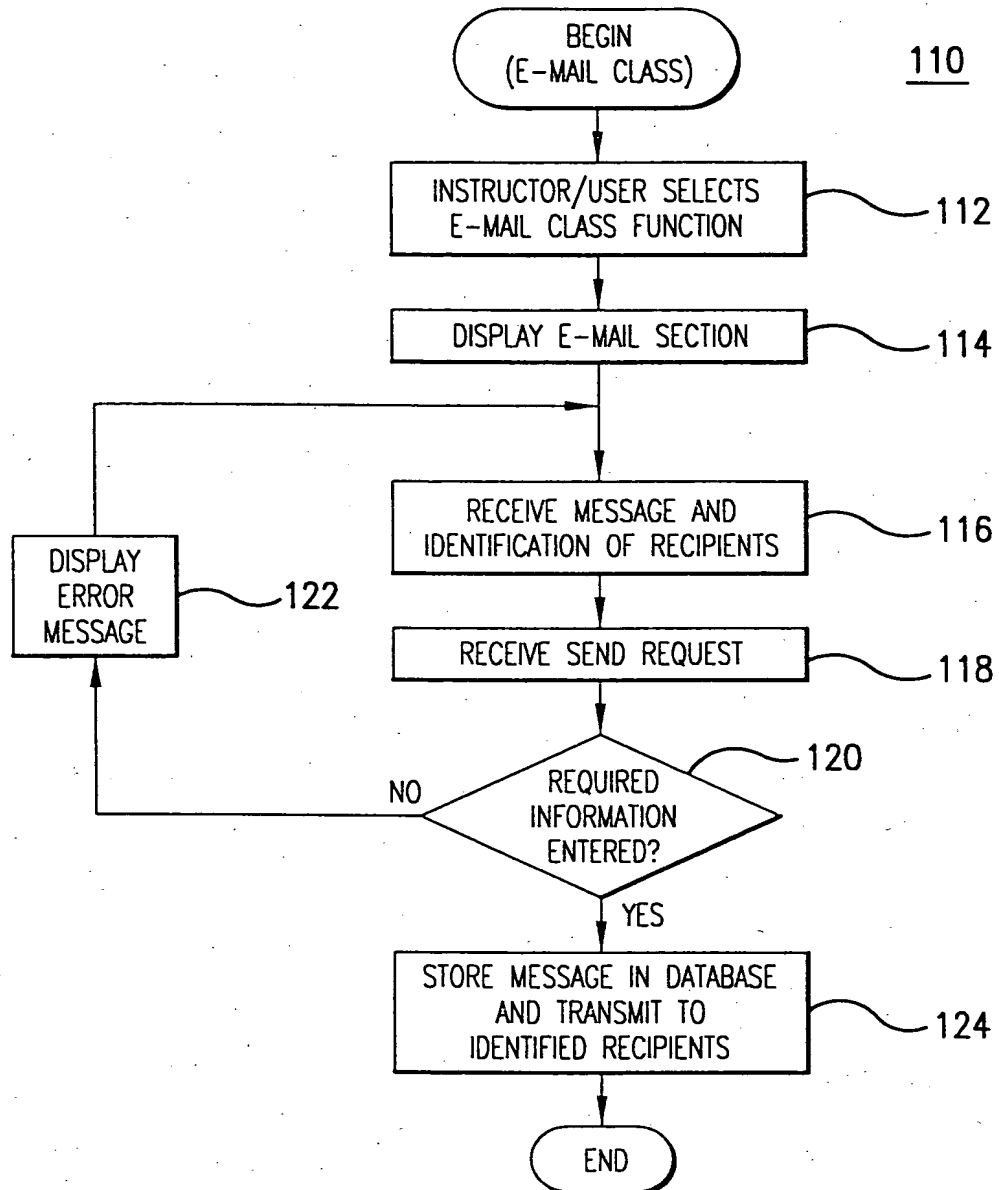


FIG. 1C

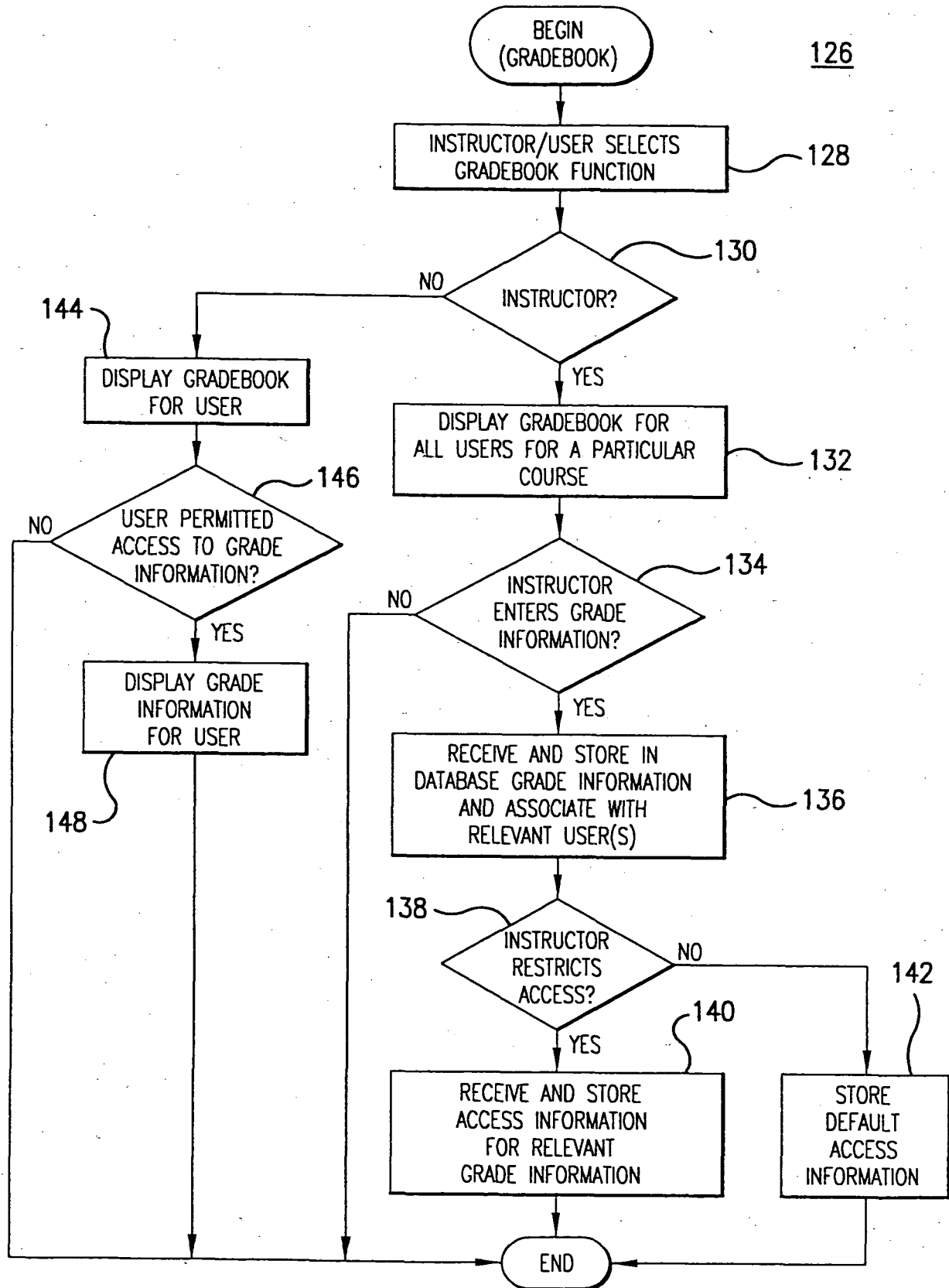


FIG. 1D

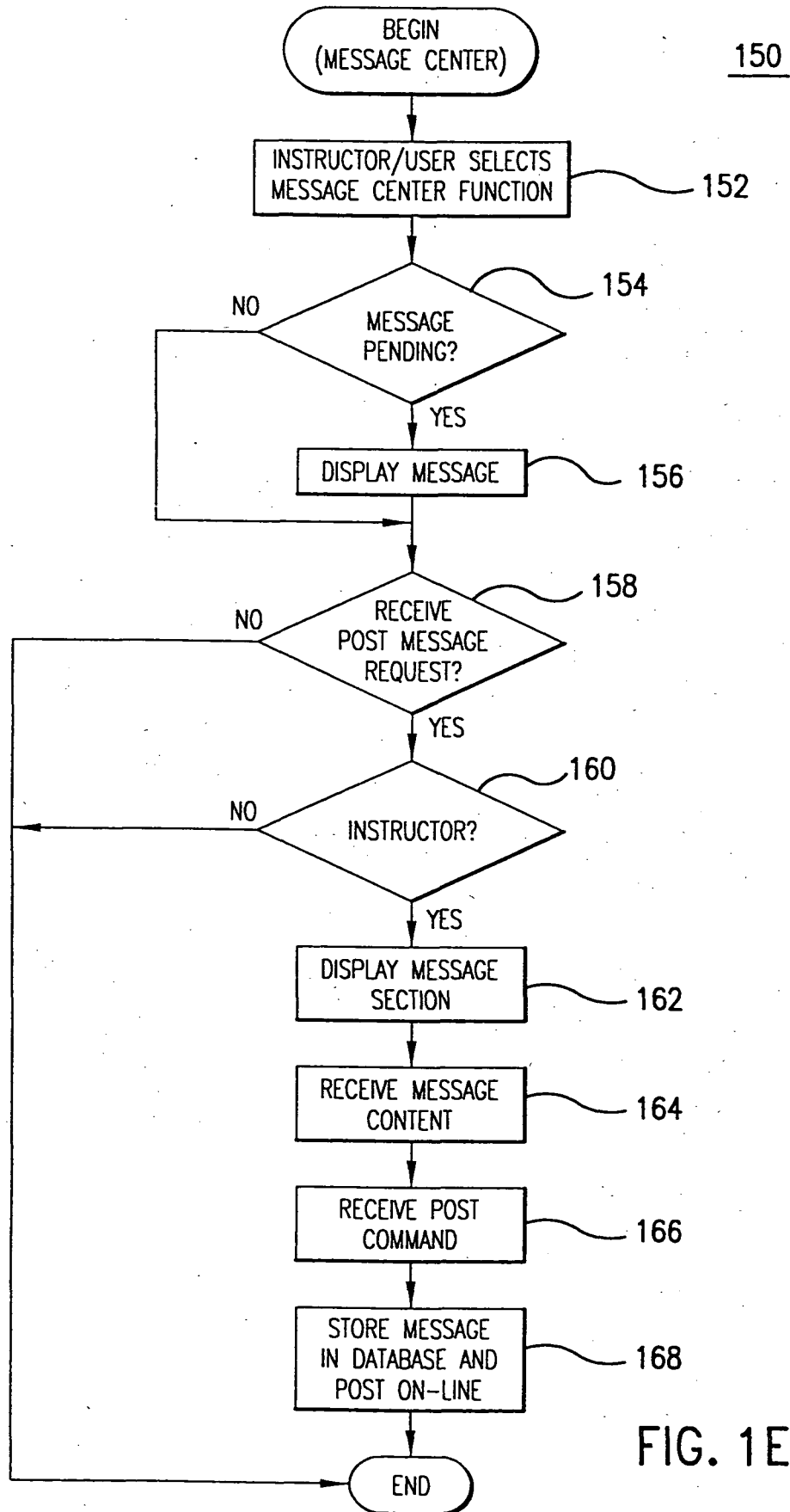


FIG. 1E

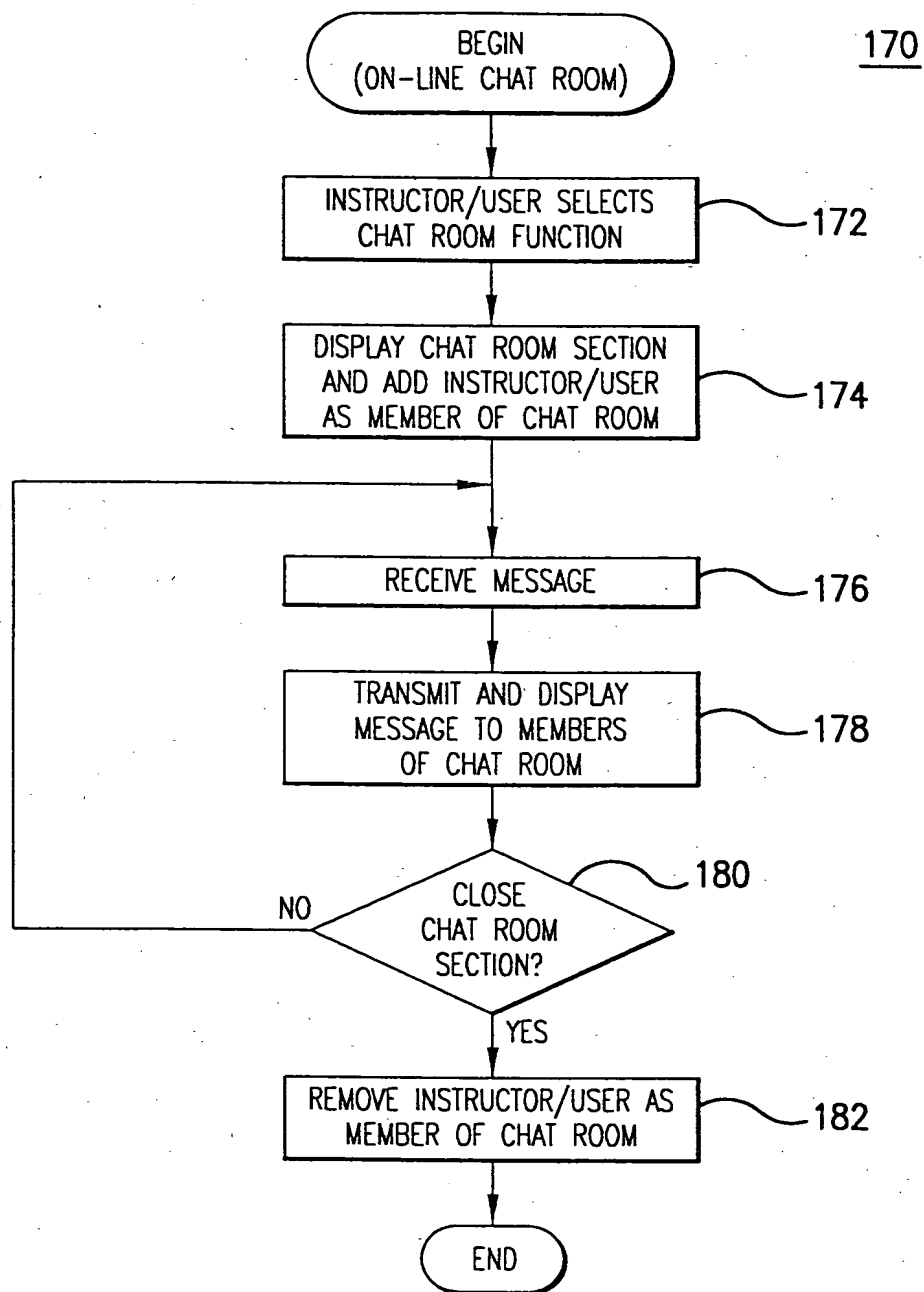
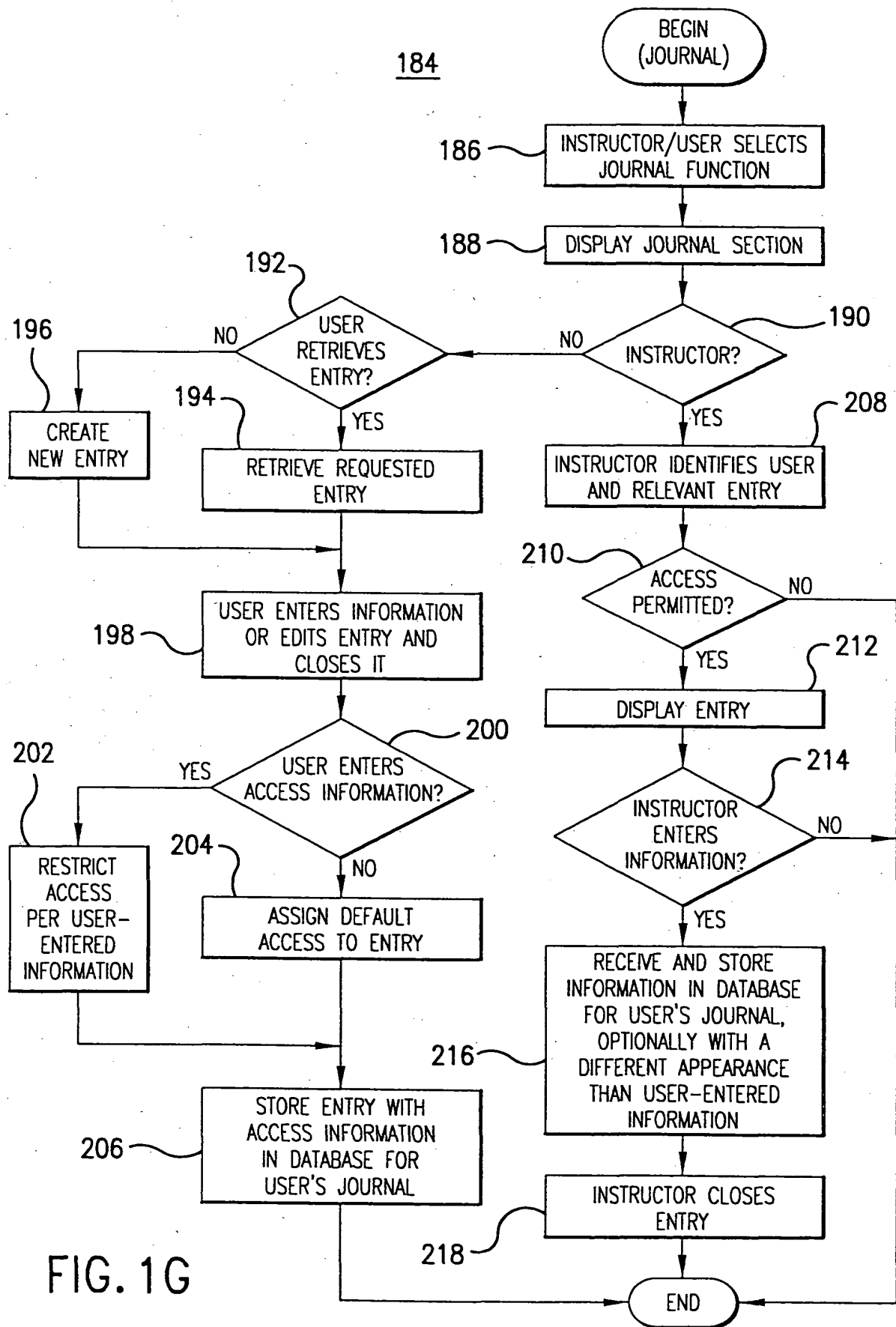


FIG. 1F



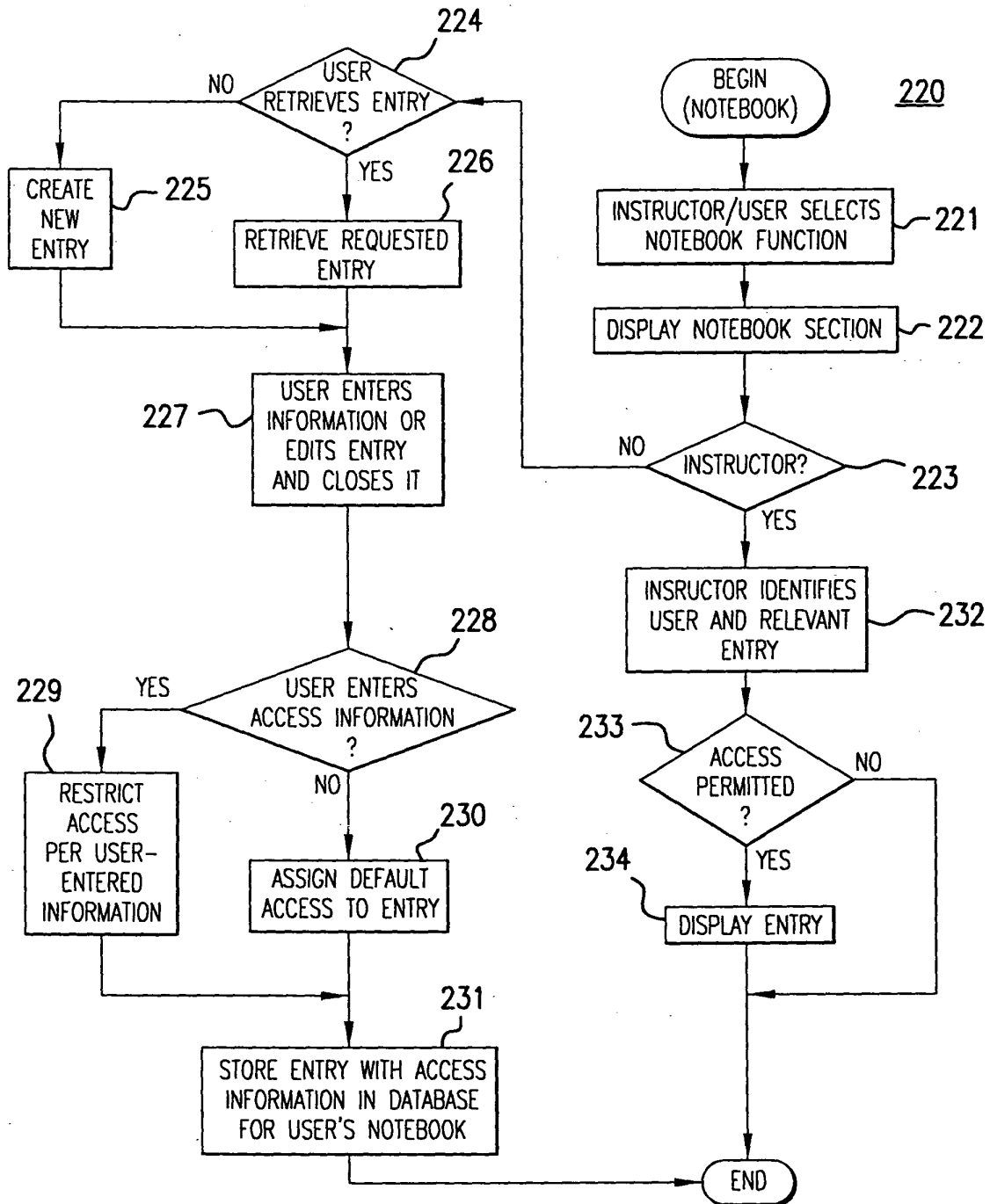


FIG.1H

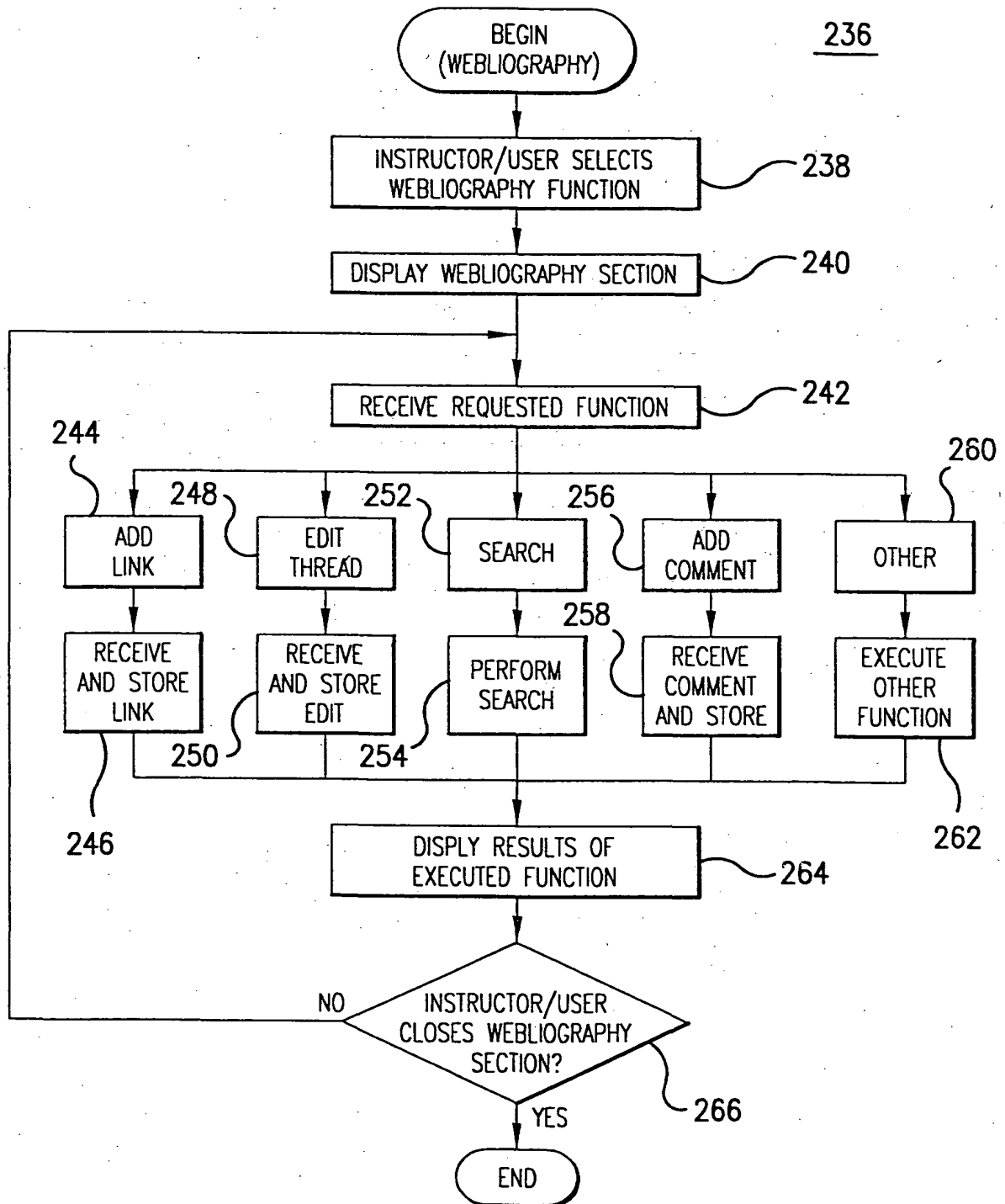


FIG. 11

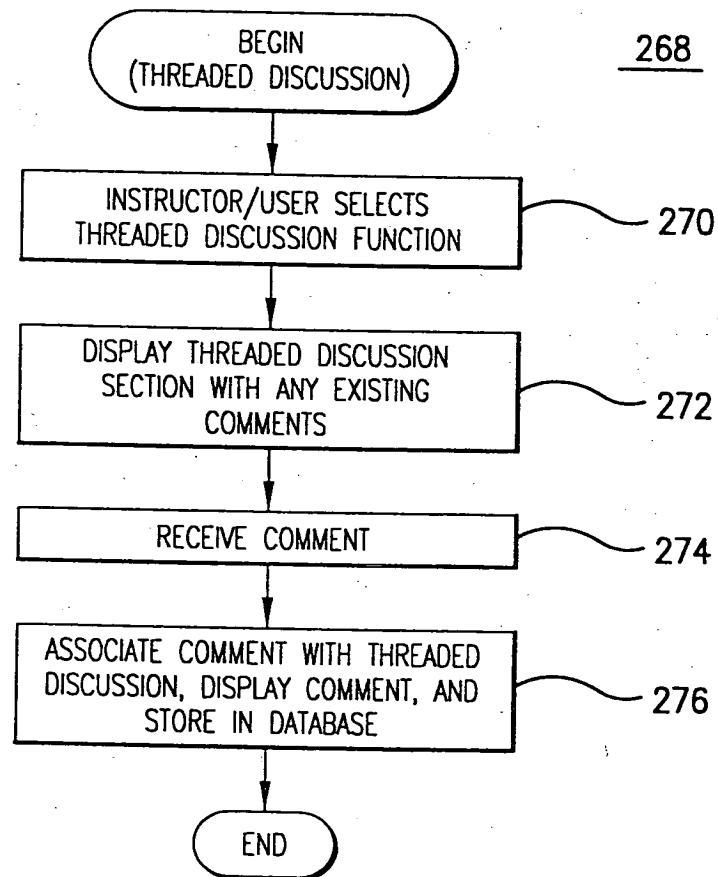


FIG. 1J

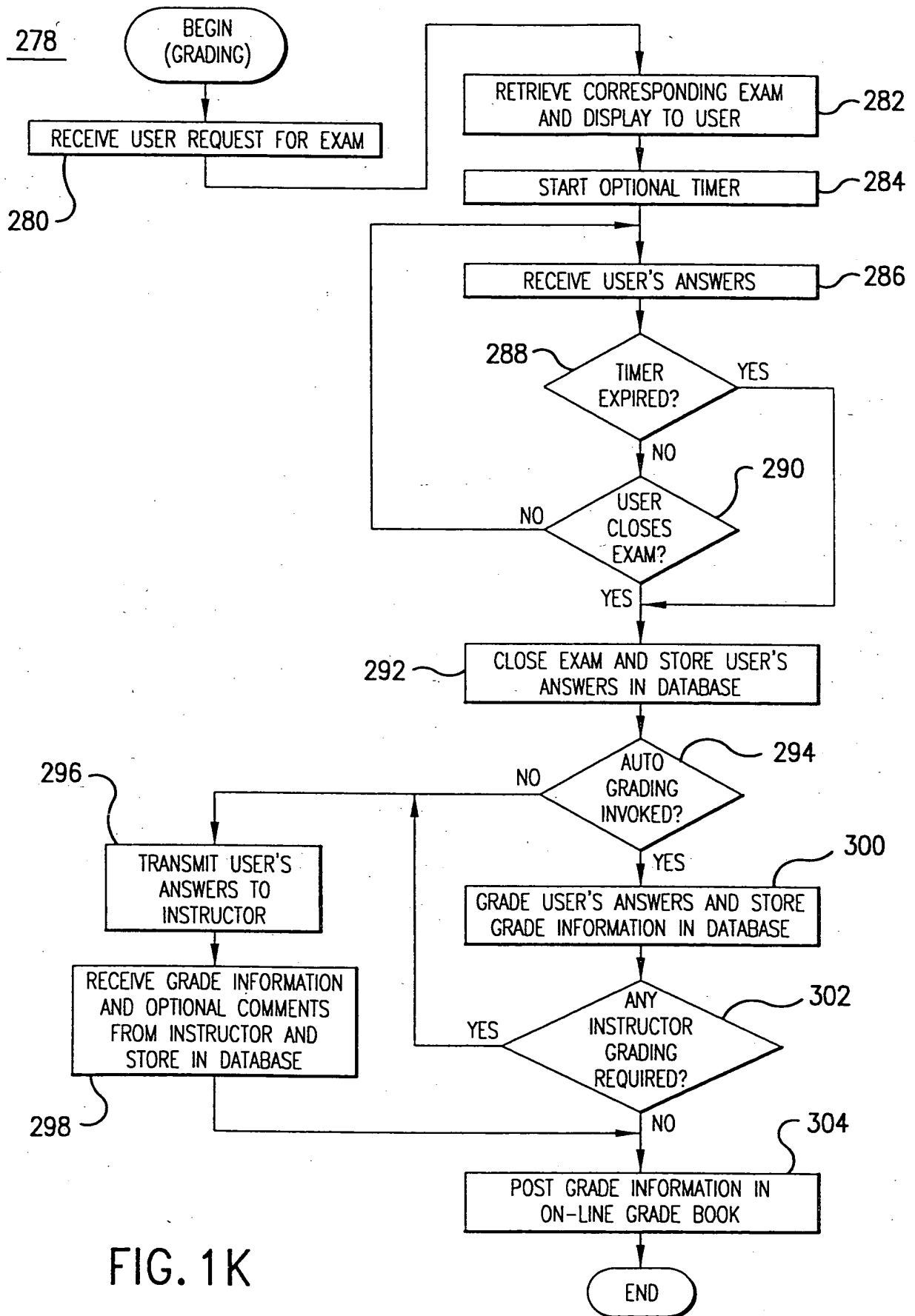


FIG. 1K

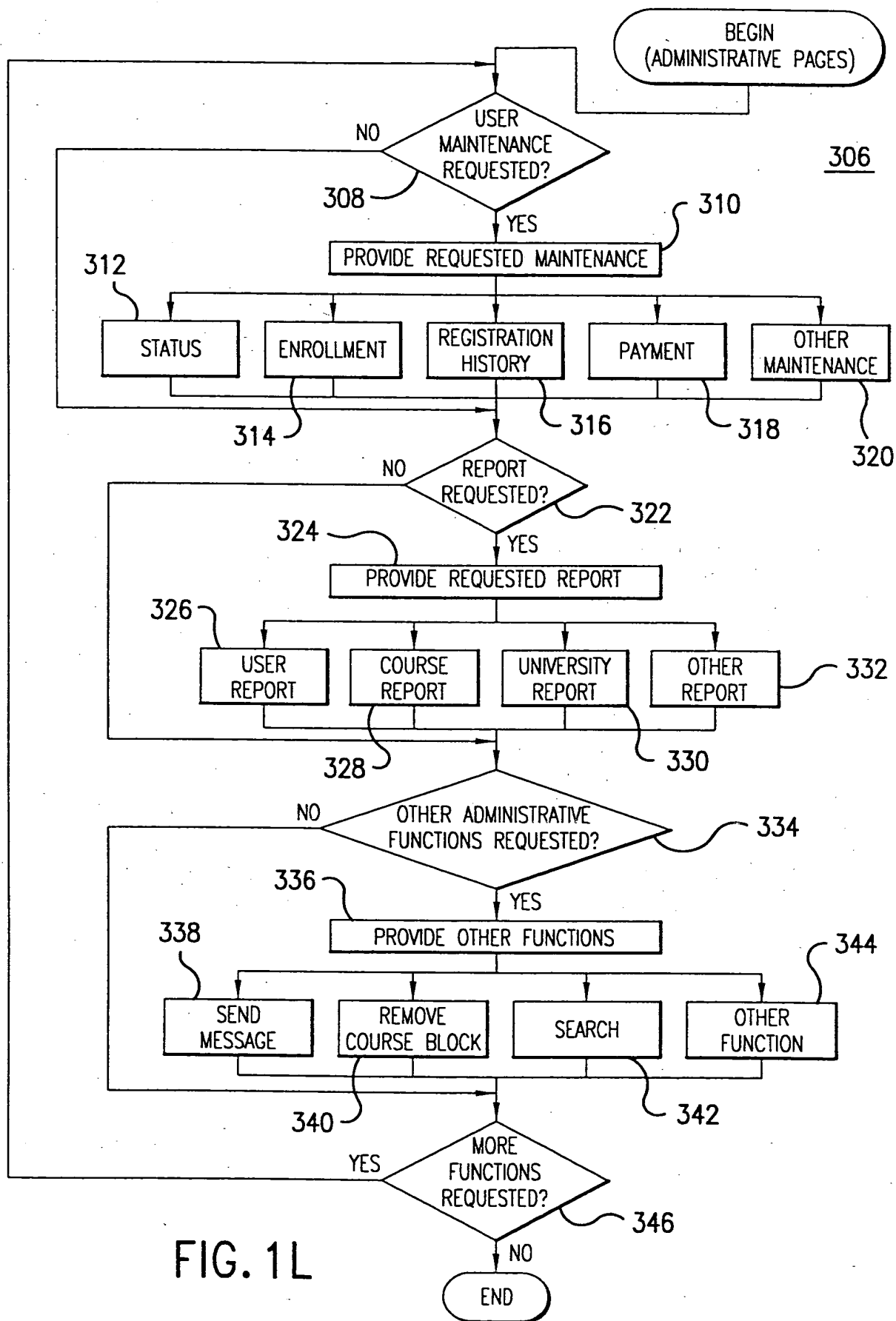


FIG. 1L

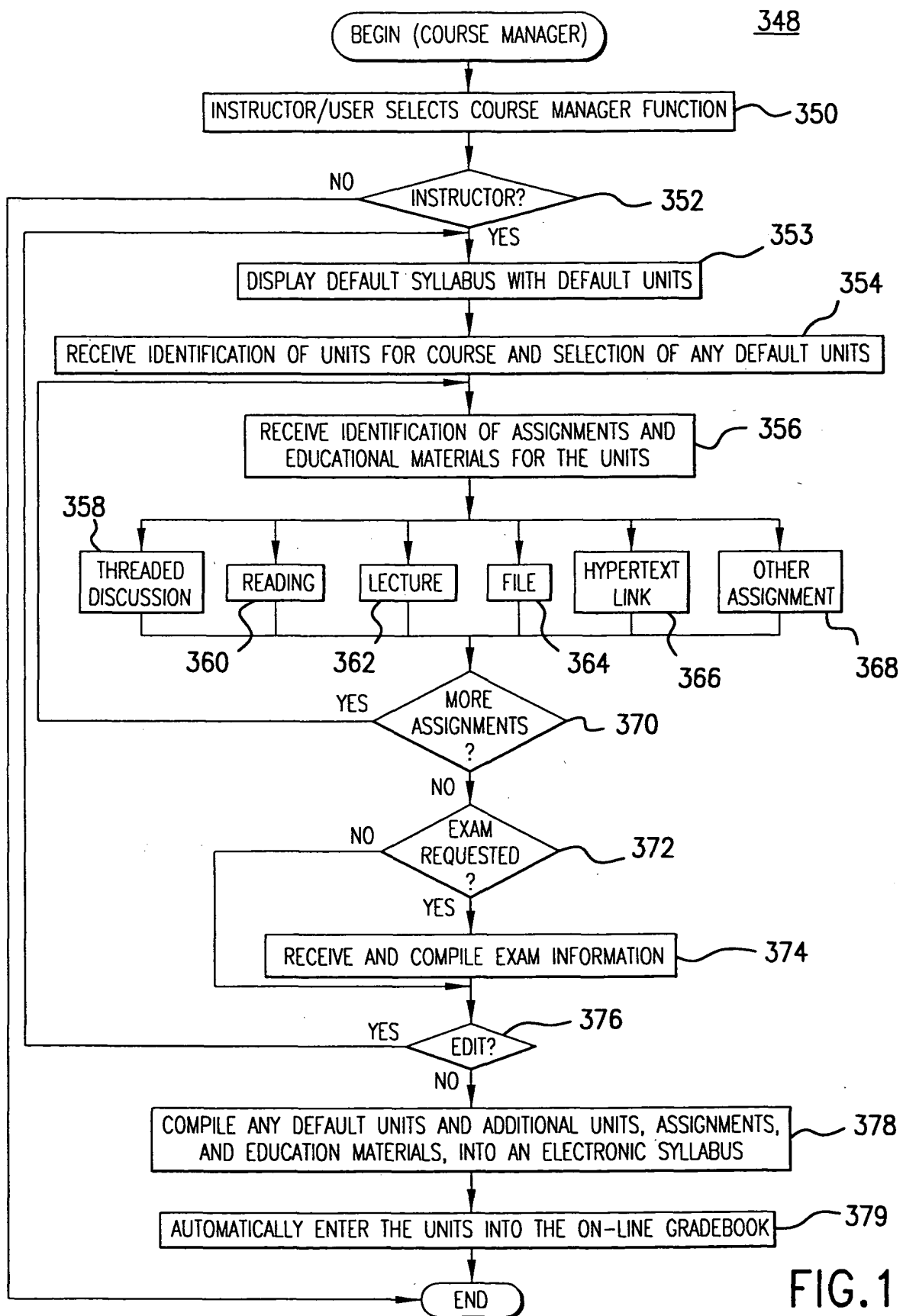
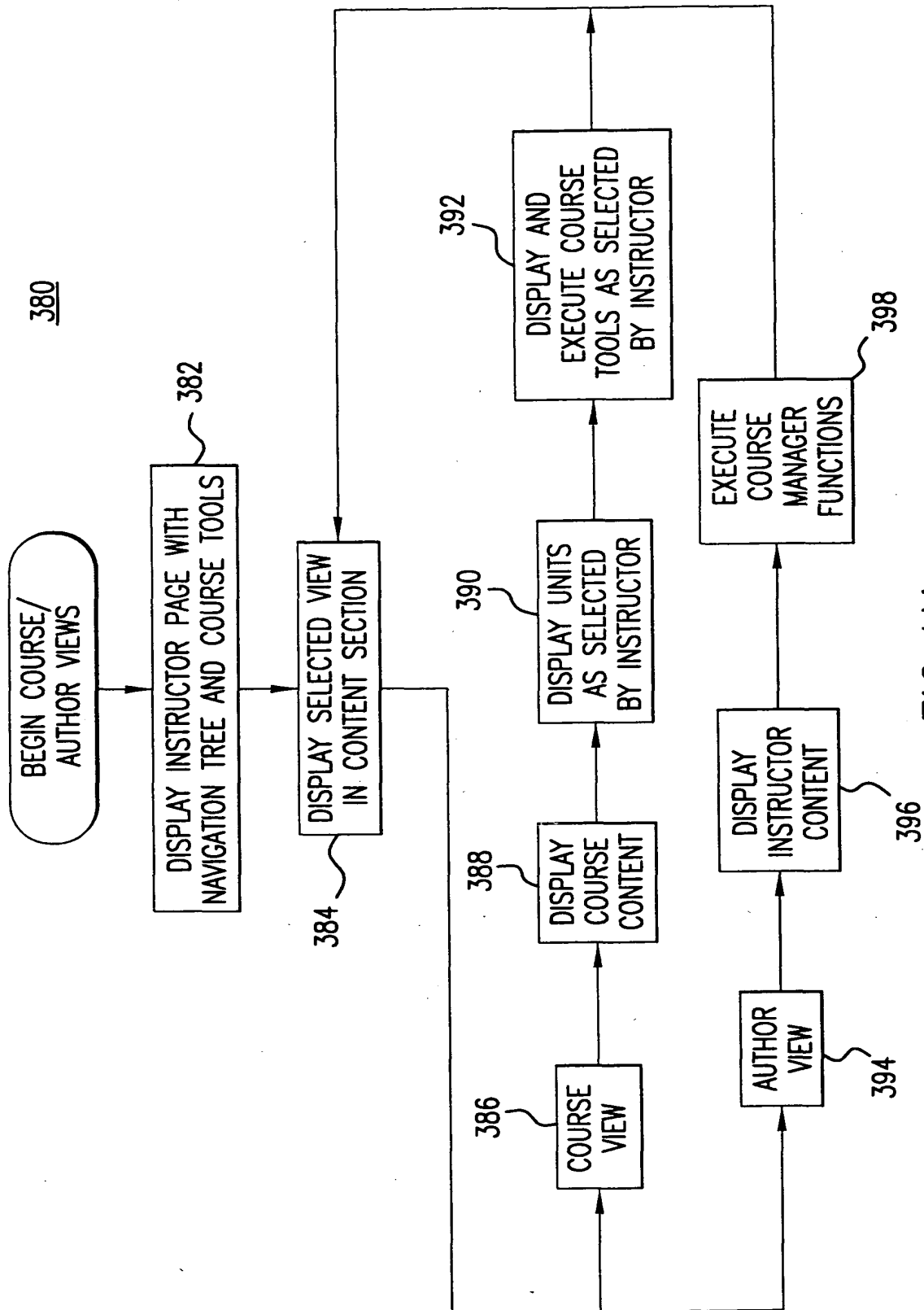


FIG. 1M



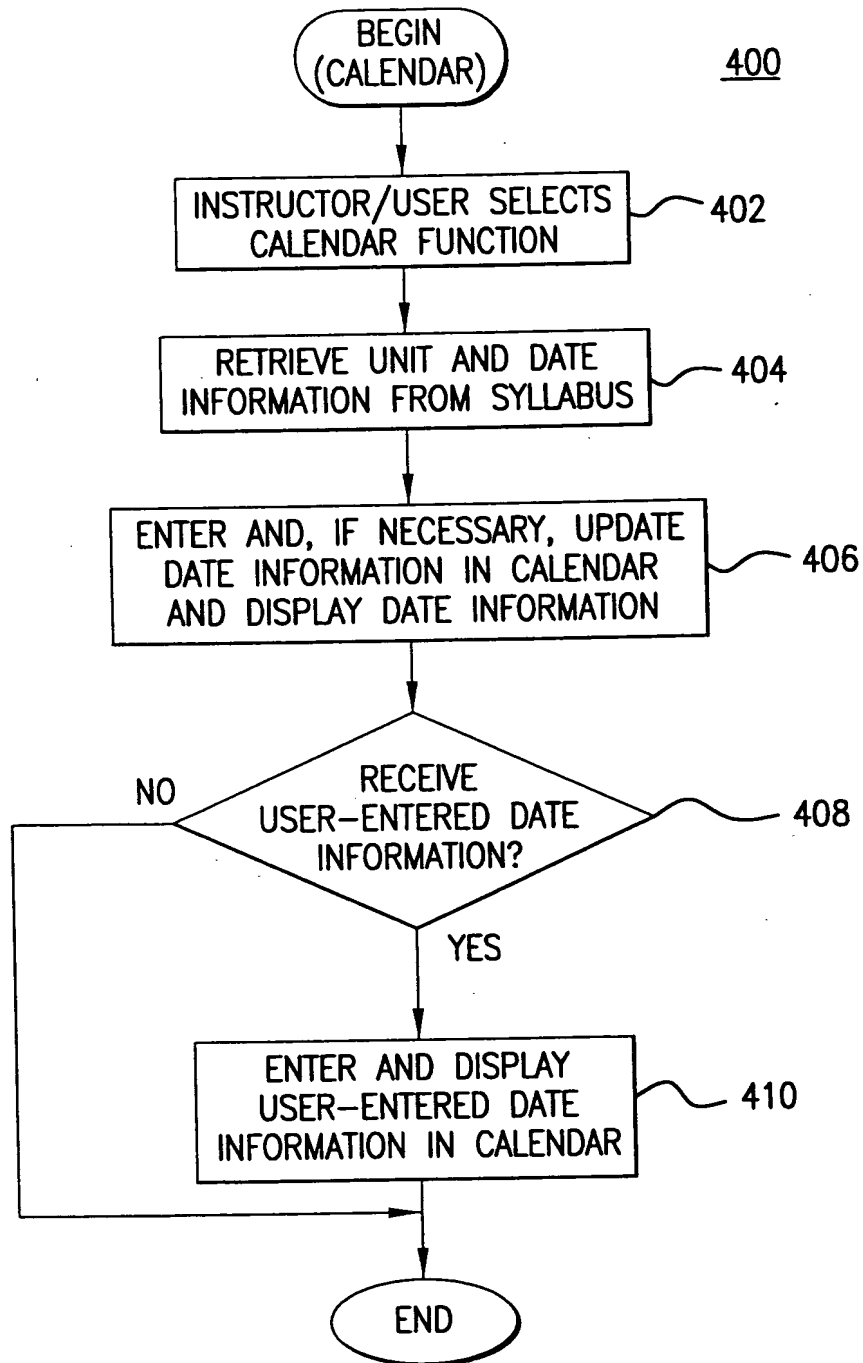


FIG.10

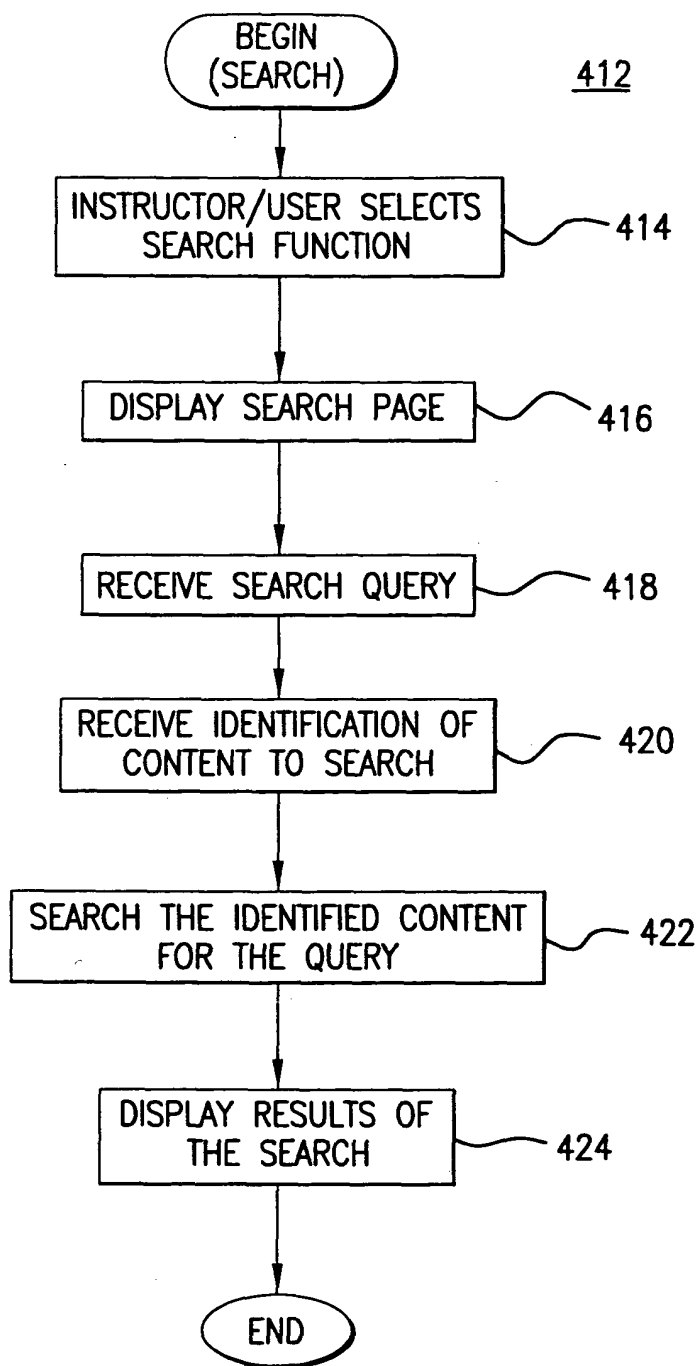


FIG.1P

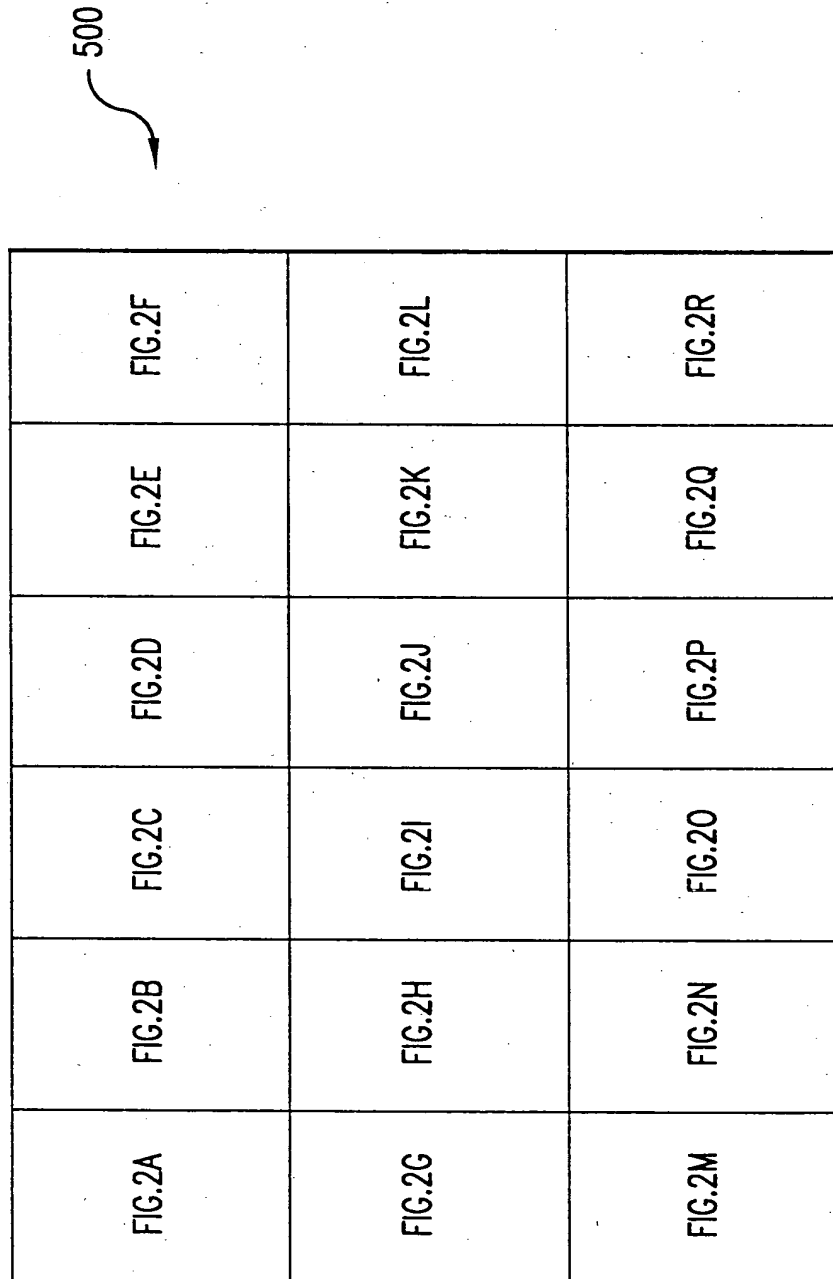


FIG.2

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

FIG.2A

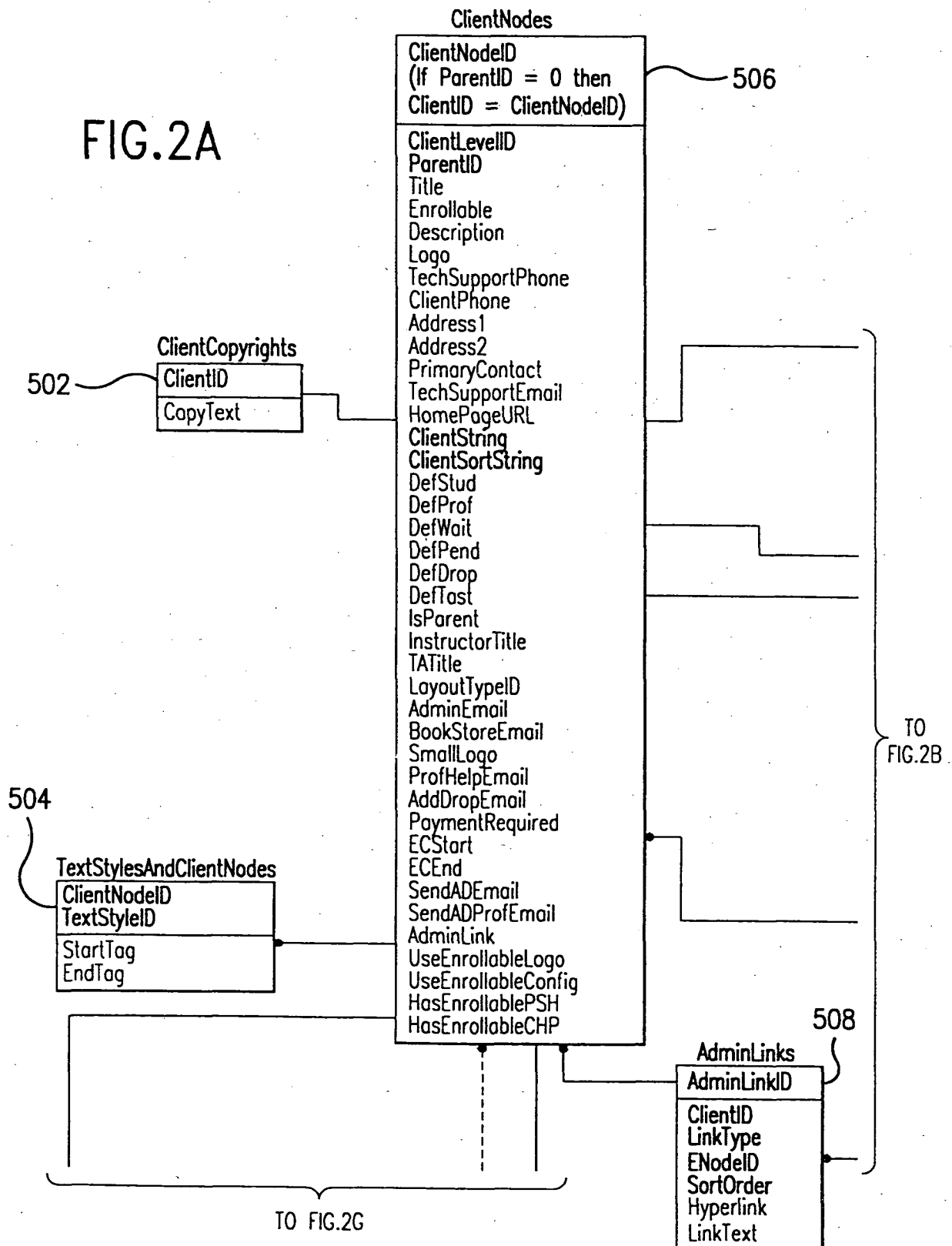
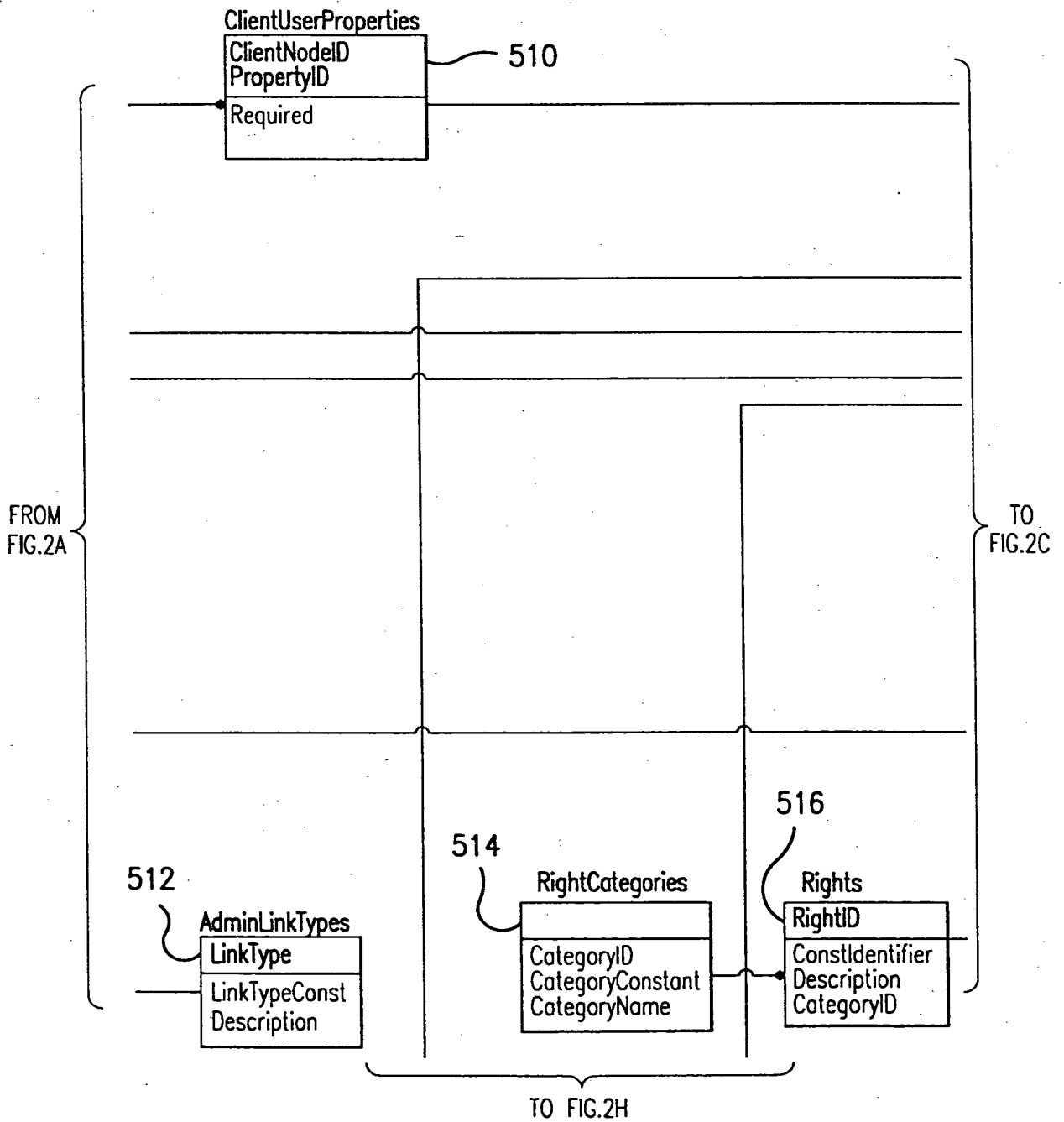
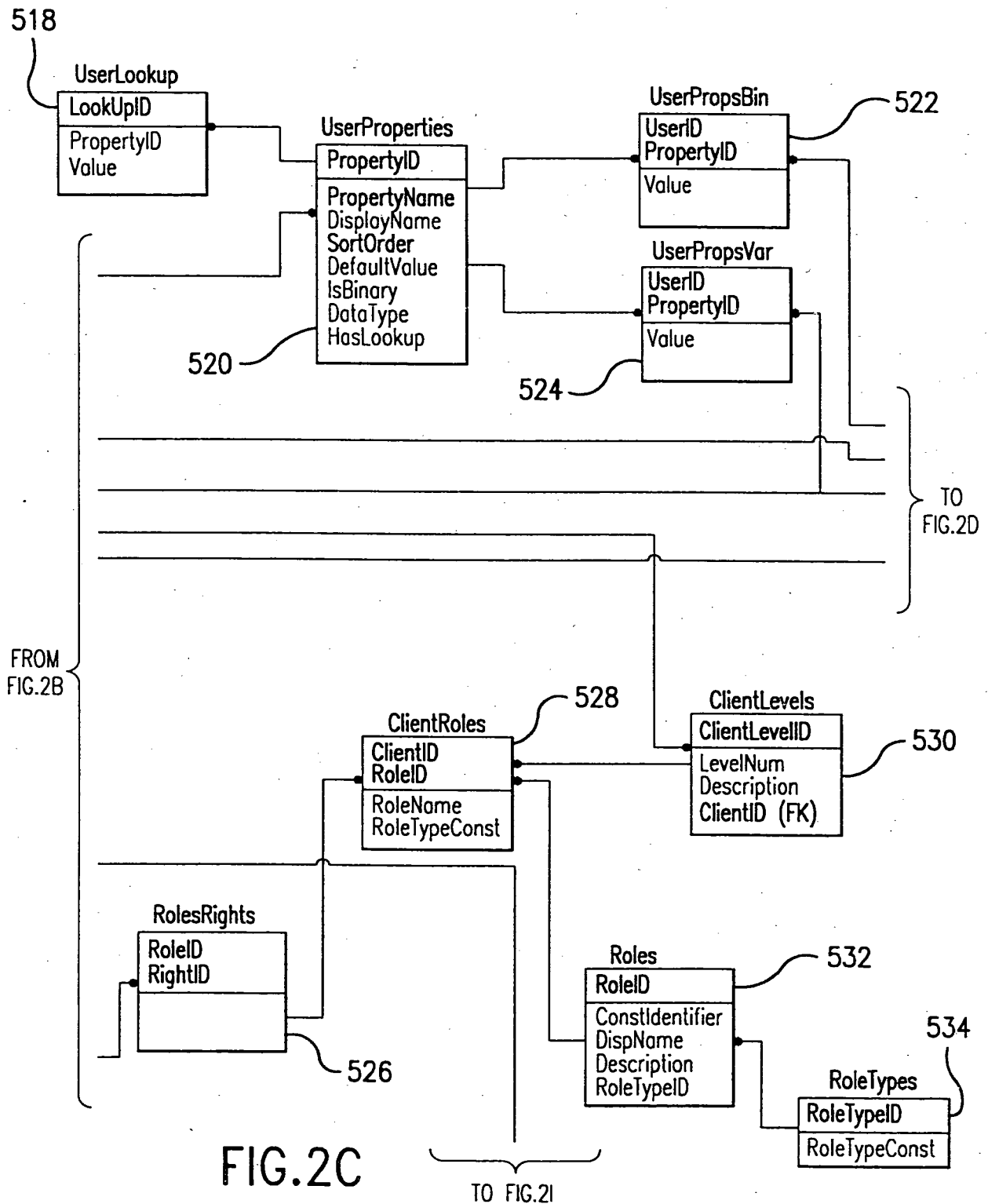
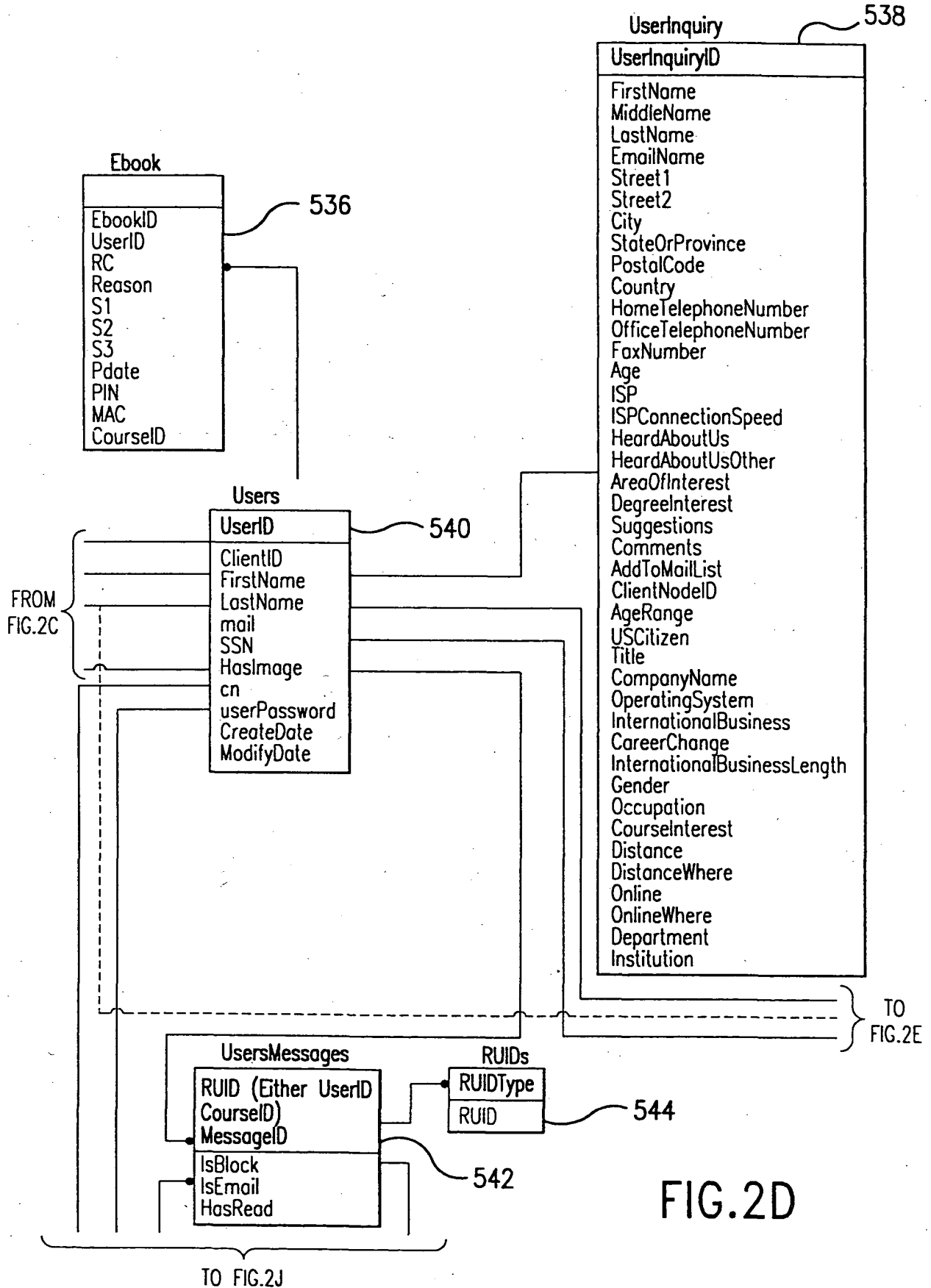
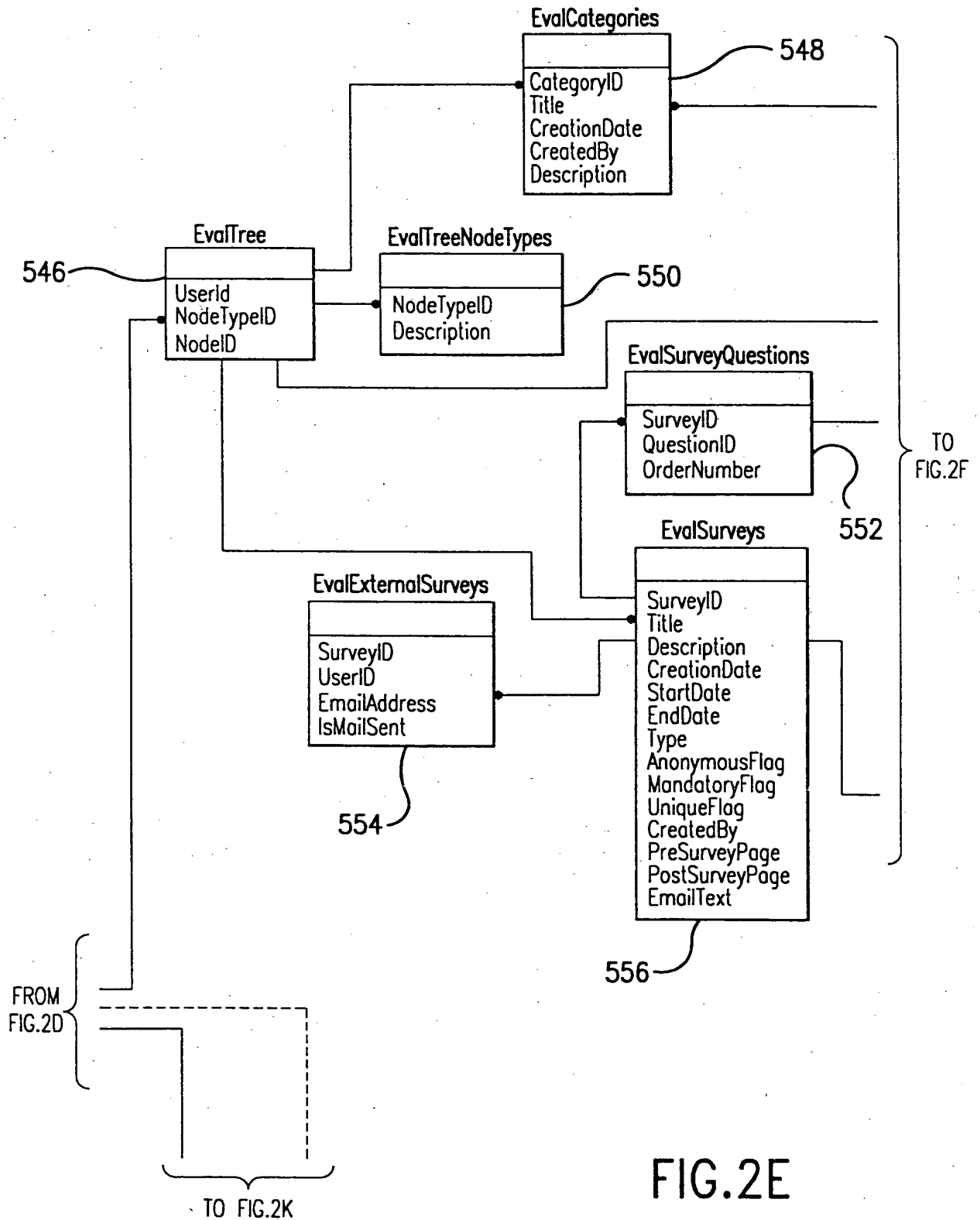


FIG.2B









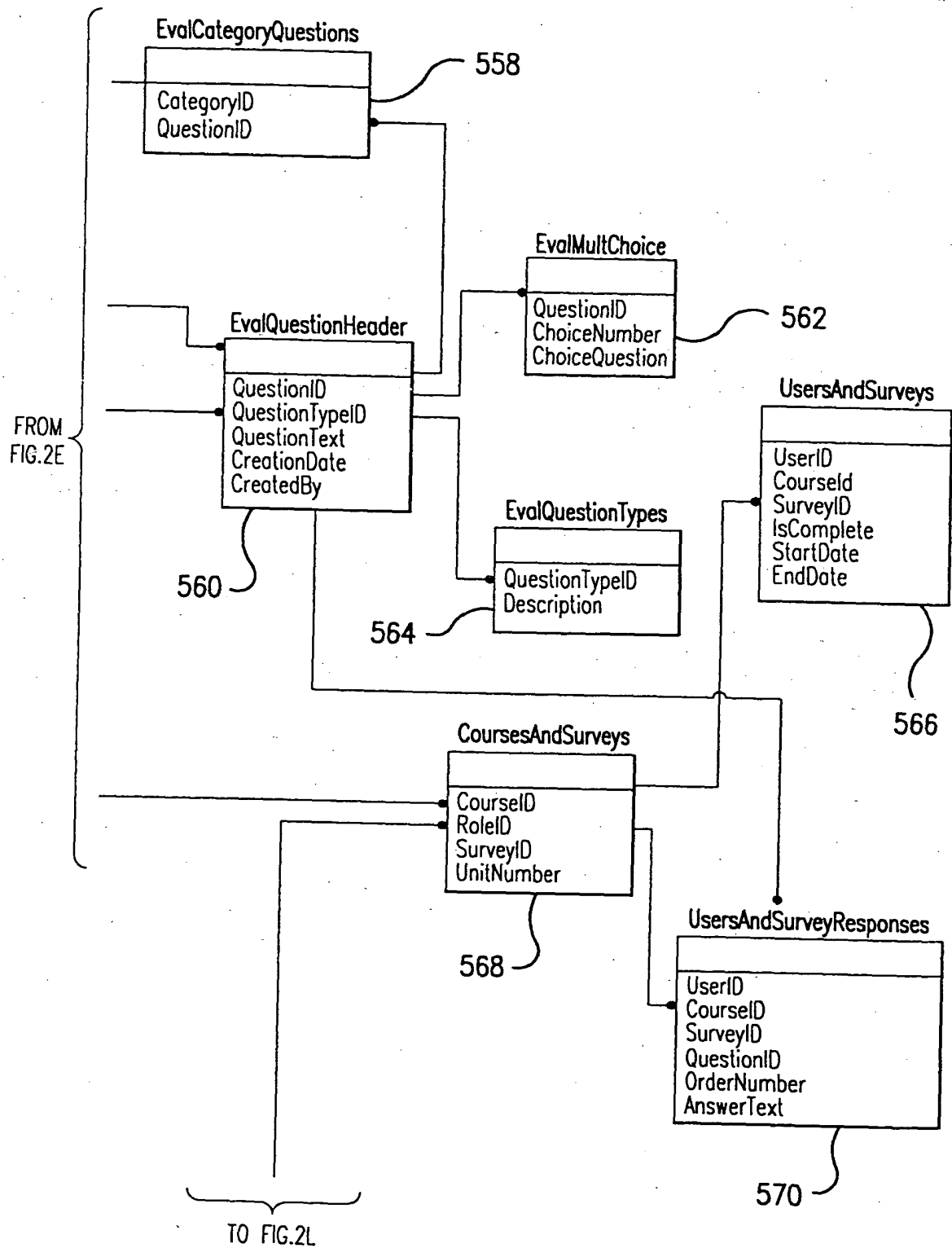
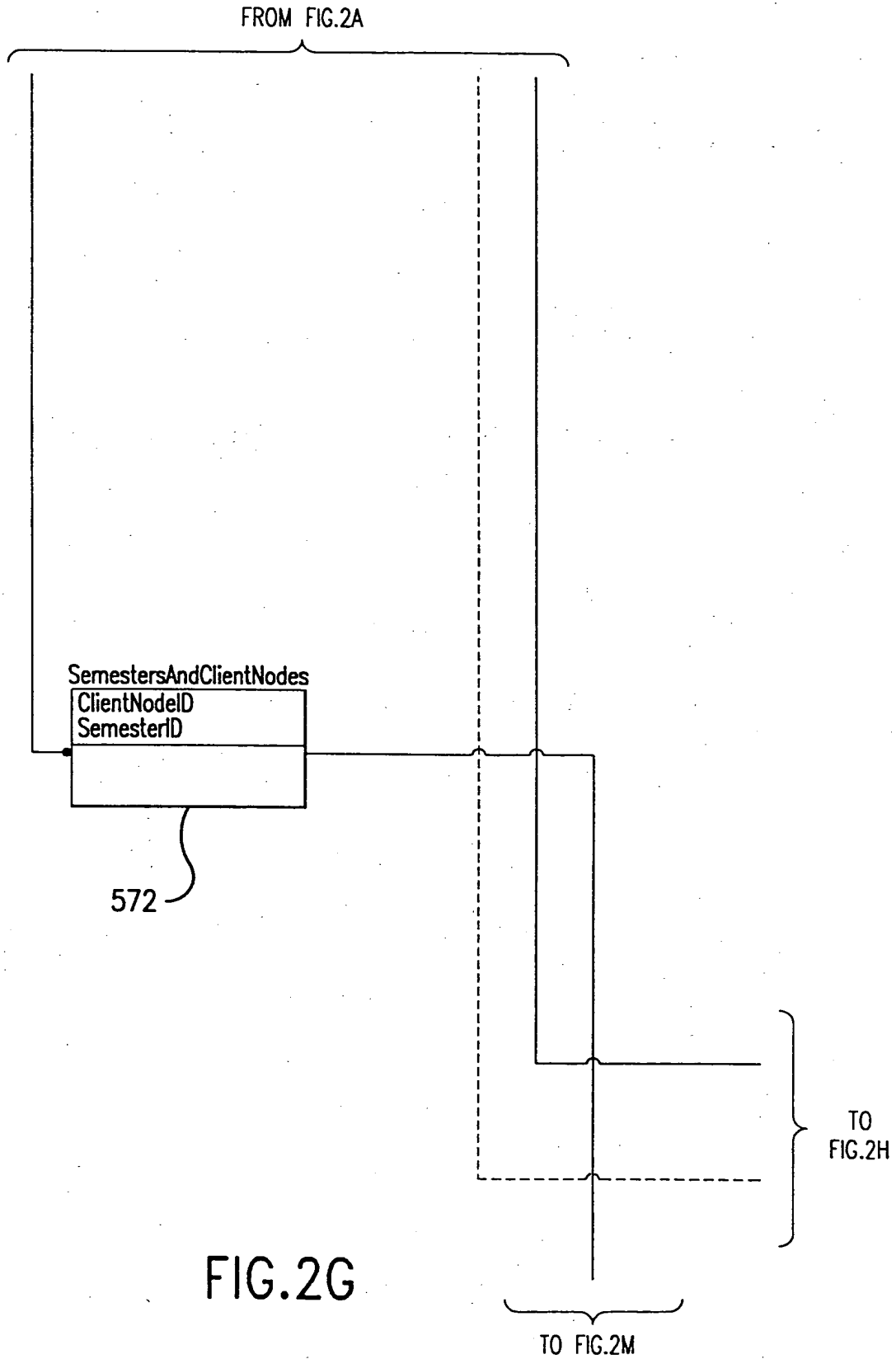


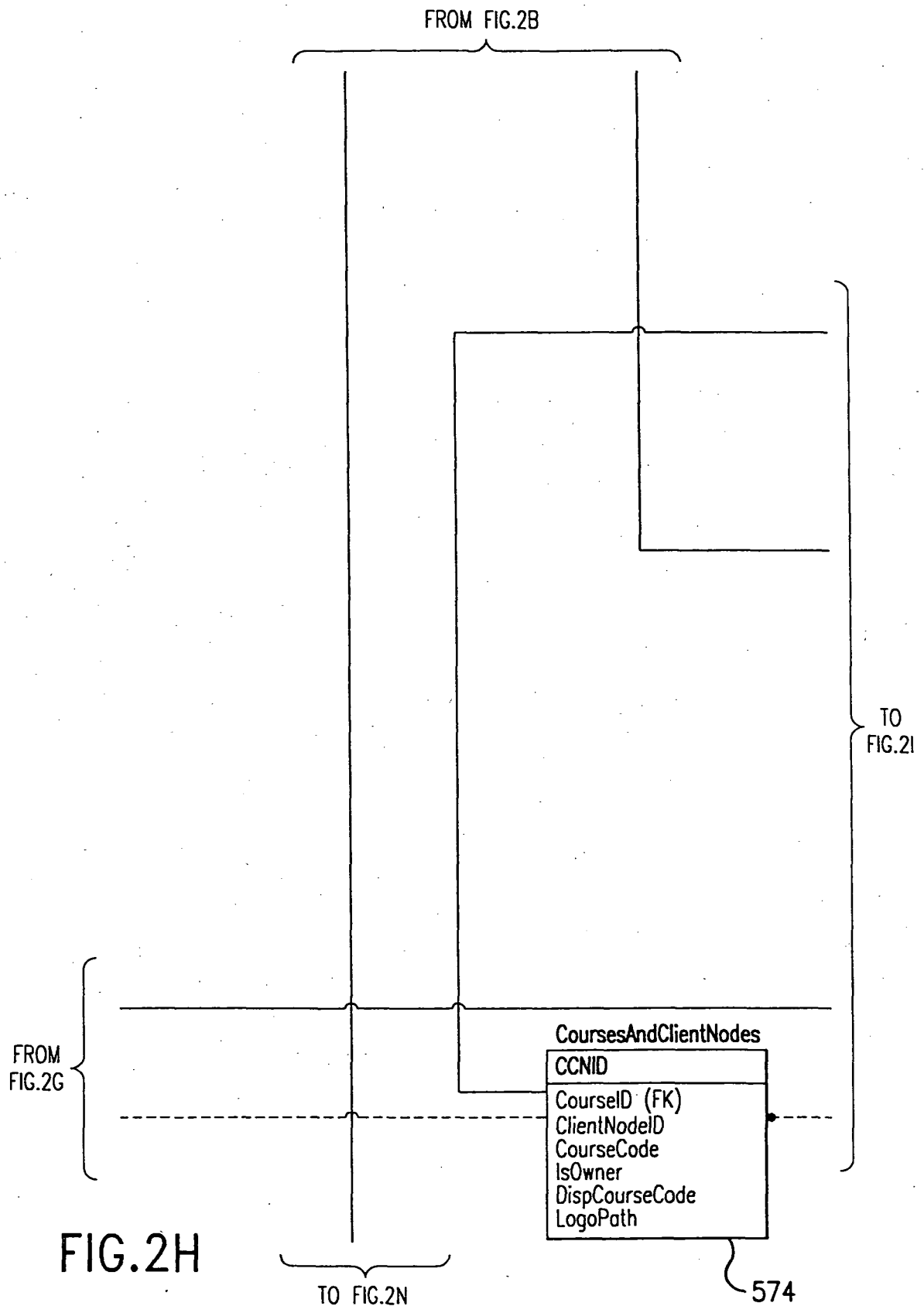
FIG. 2F

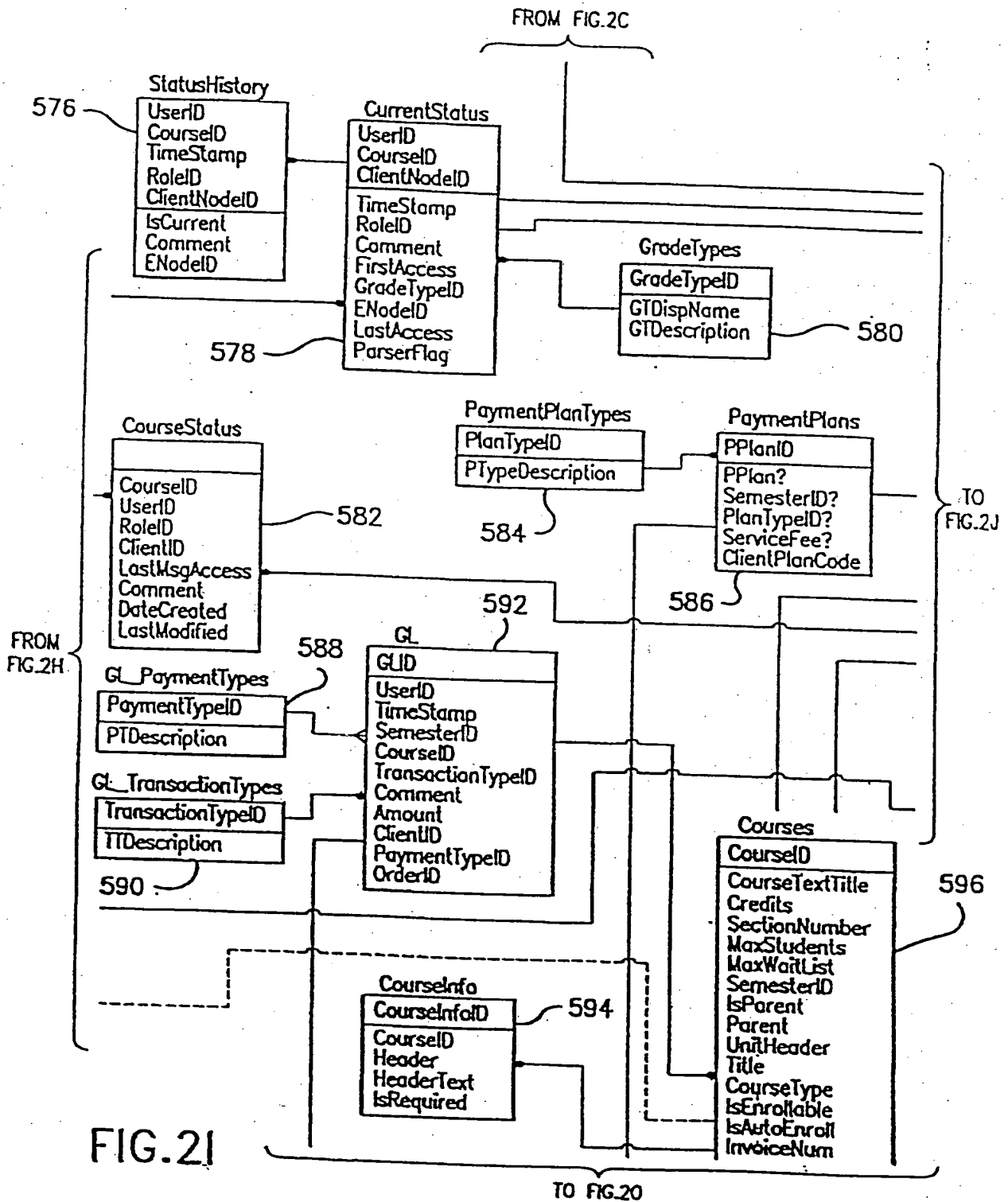


Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

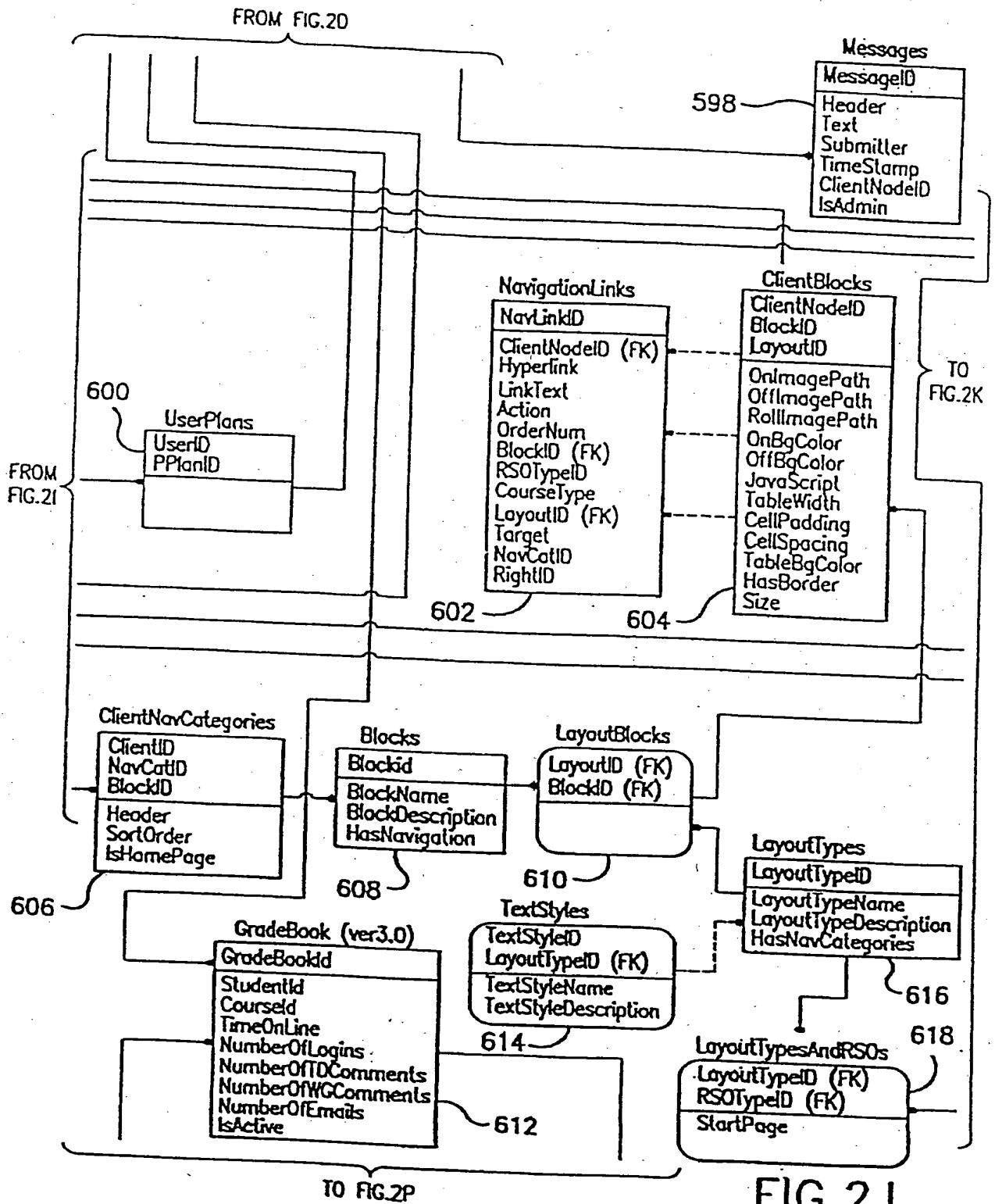


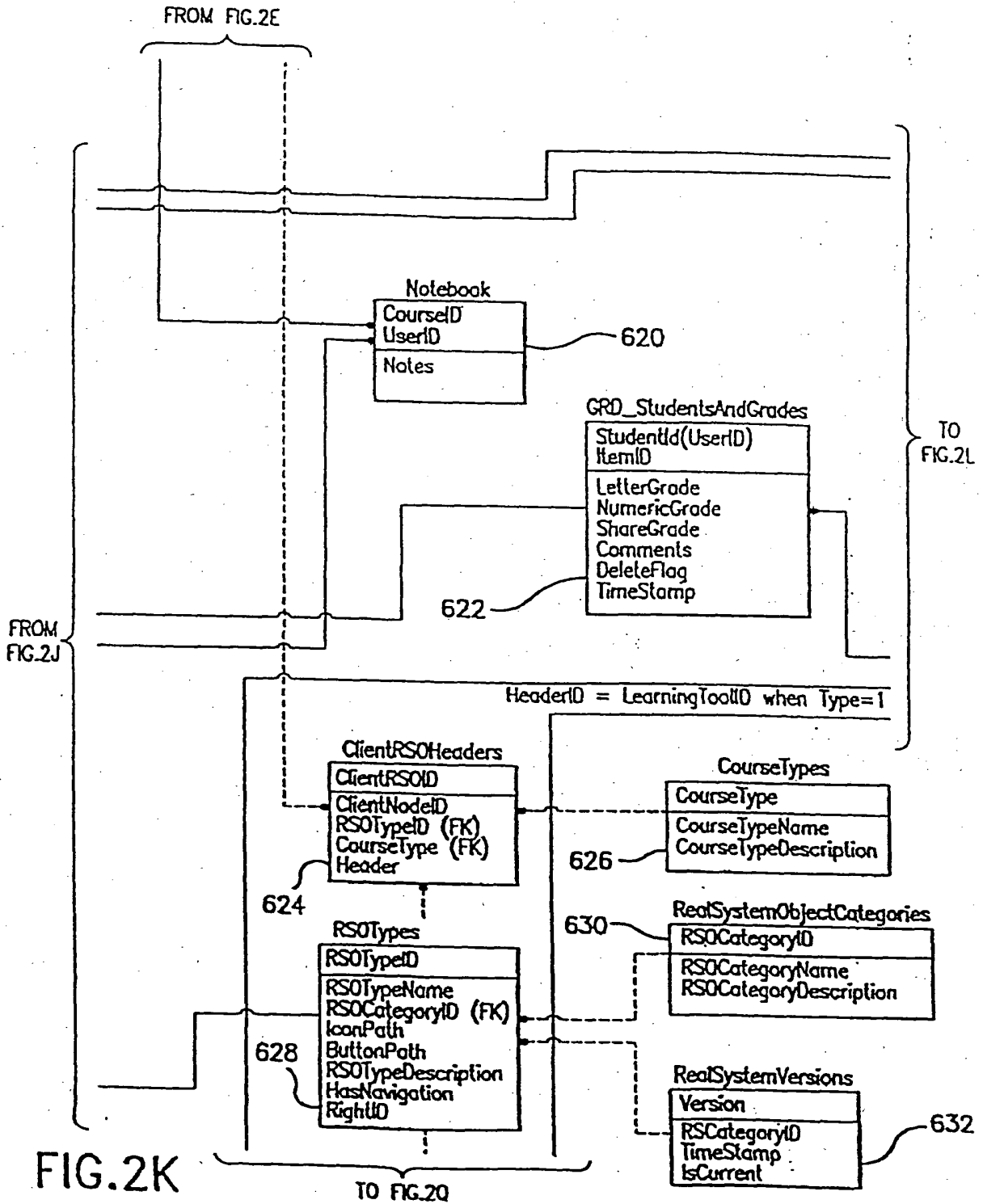


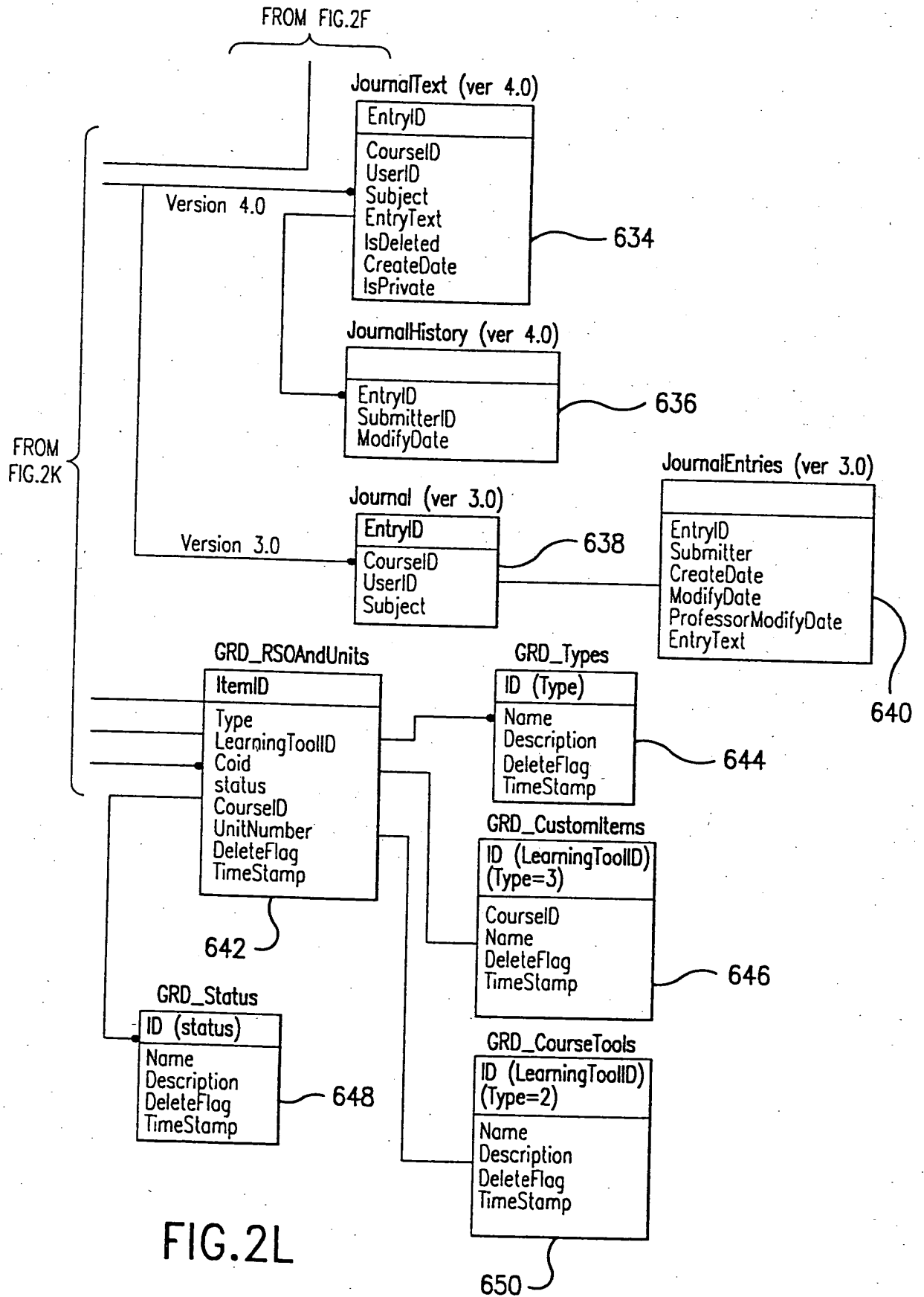
Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117



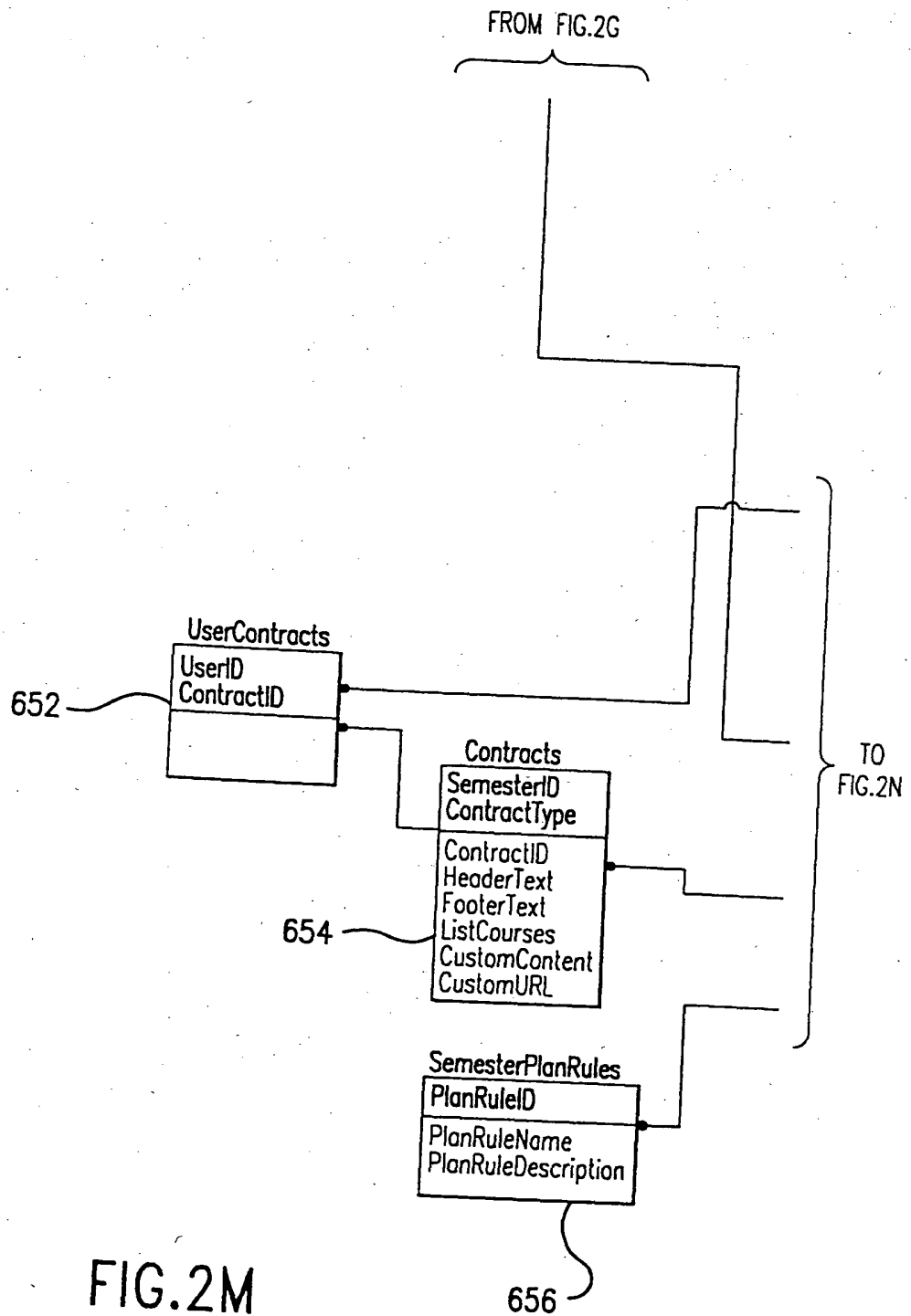


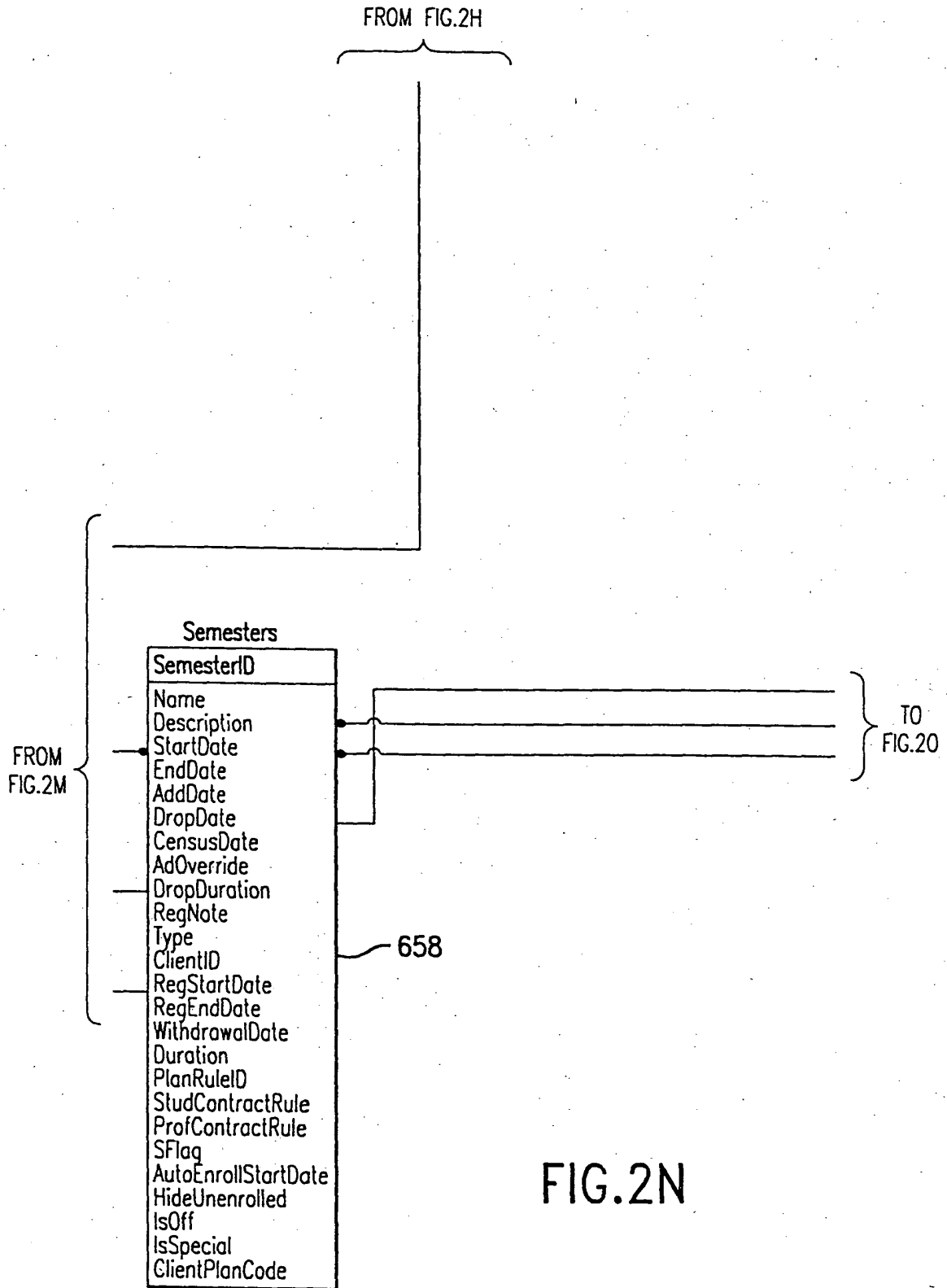


Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117





Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

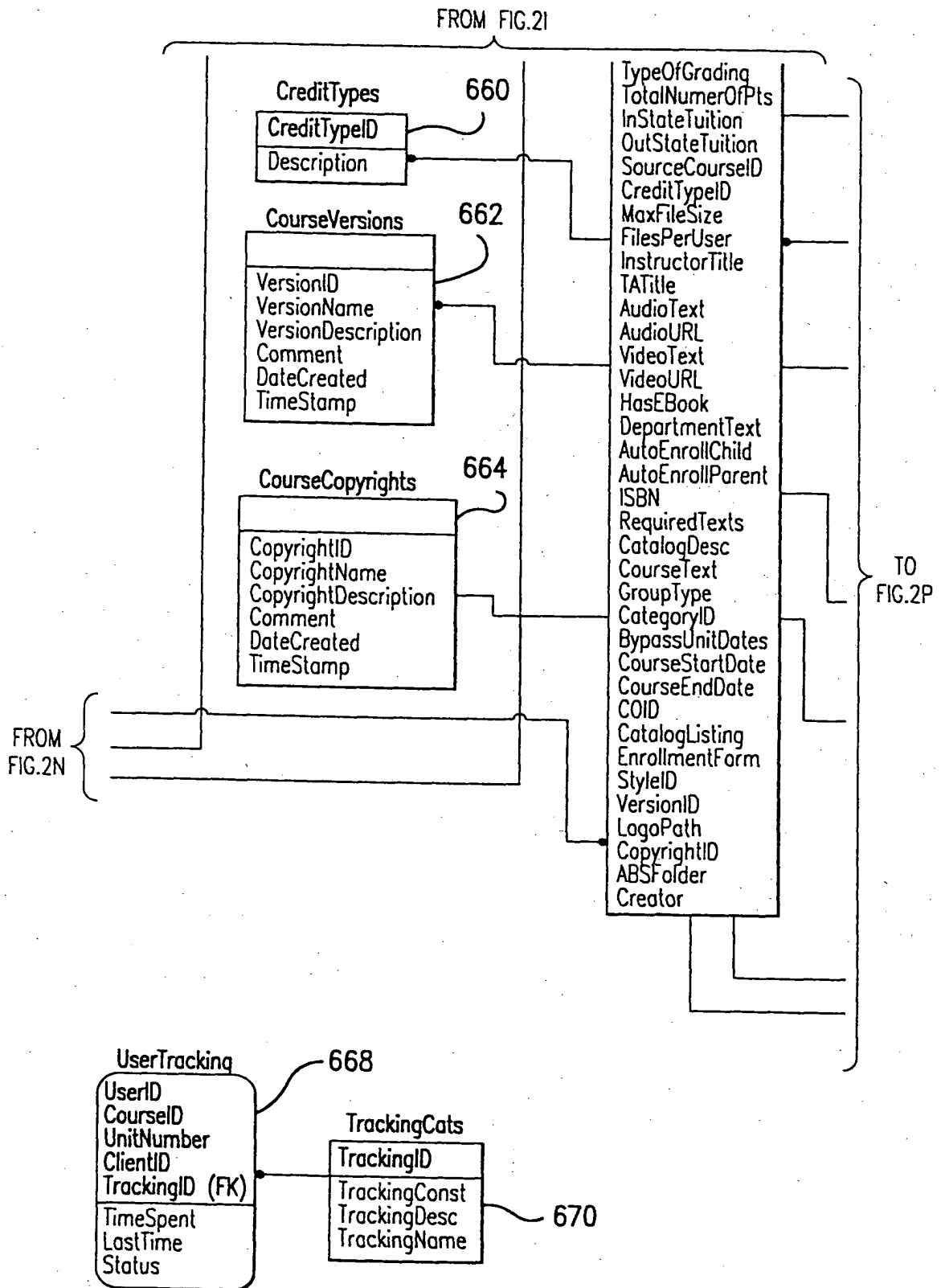
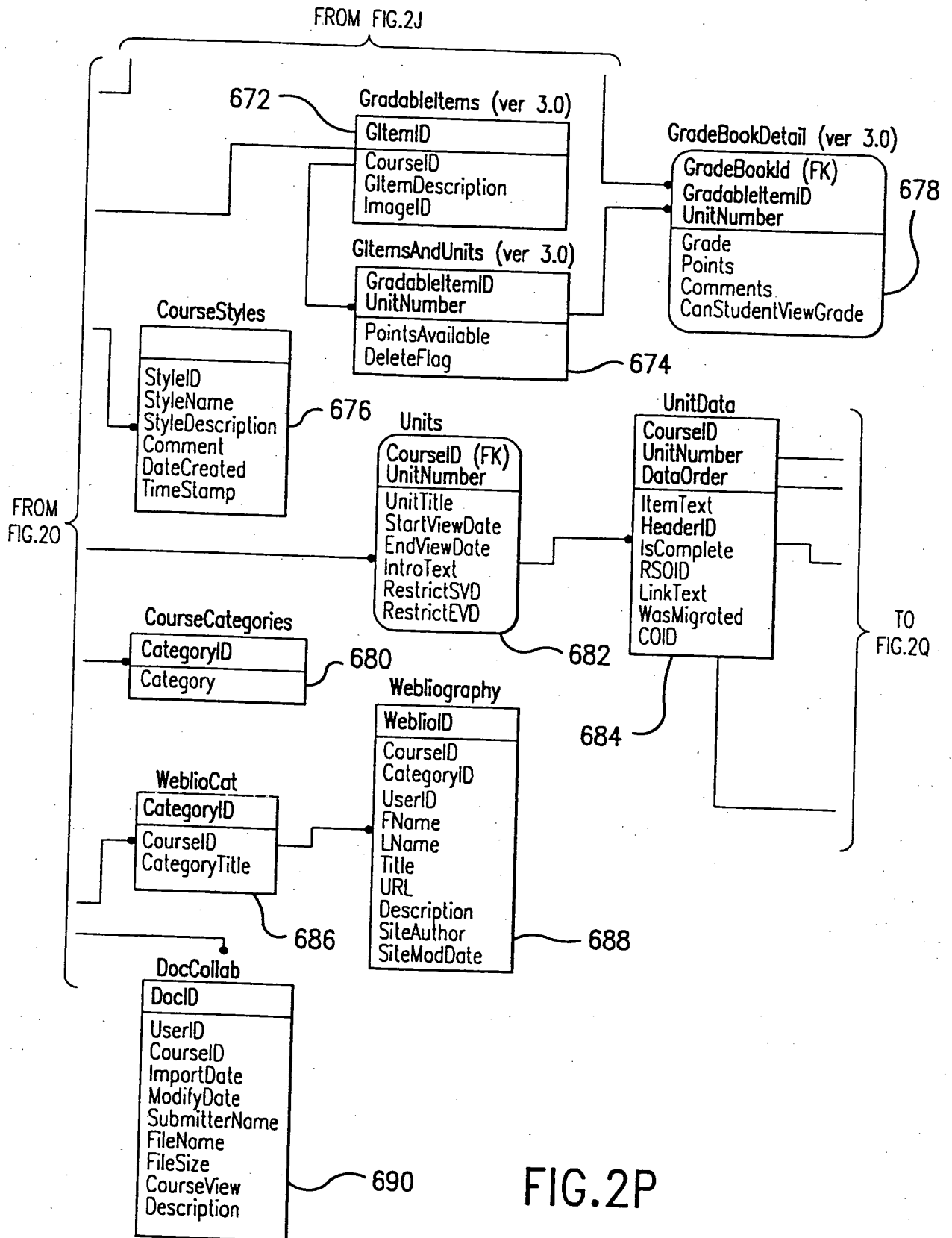


FIG.20

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117



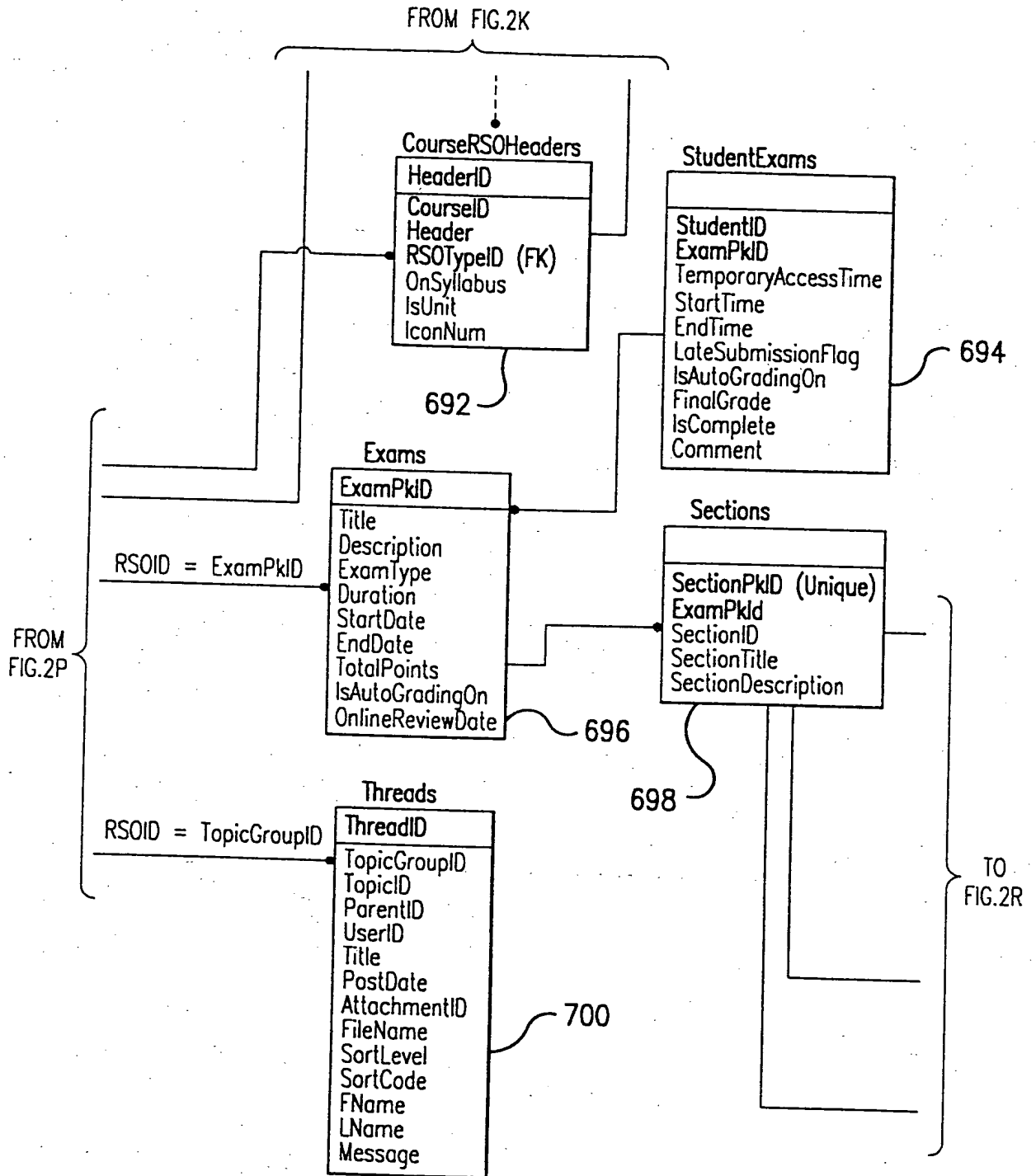


FIG.2Q

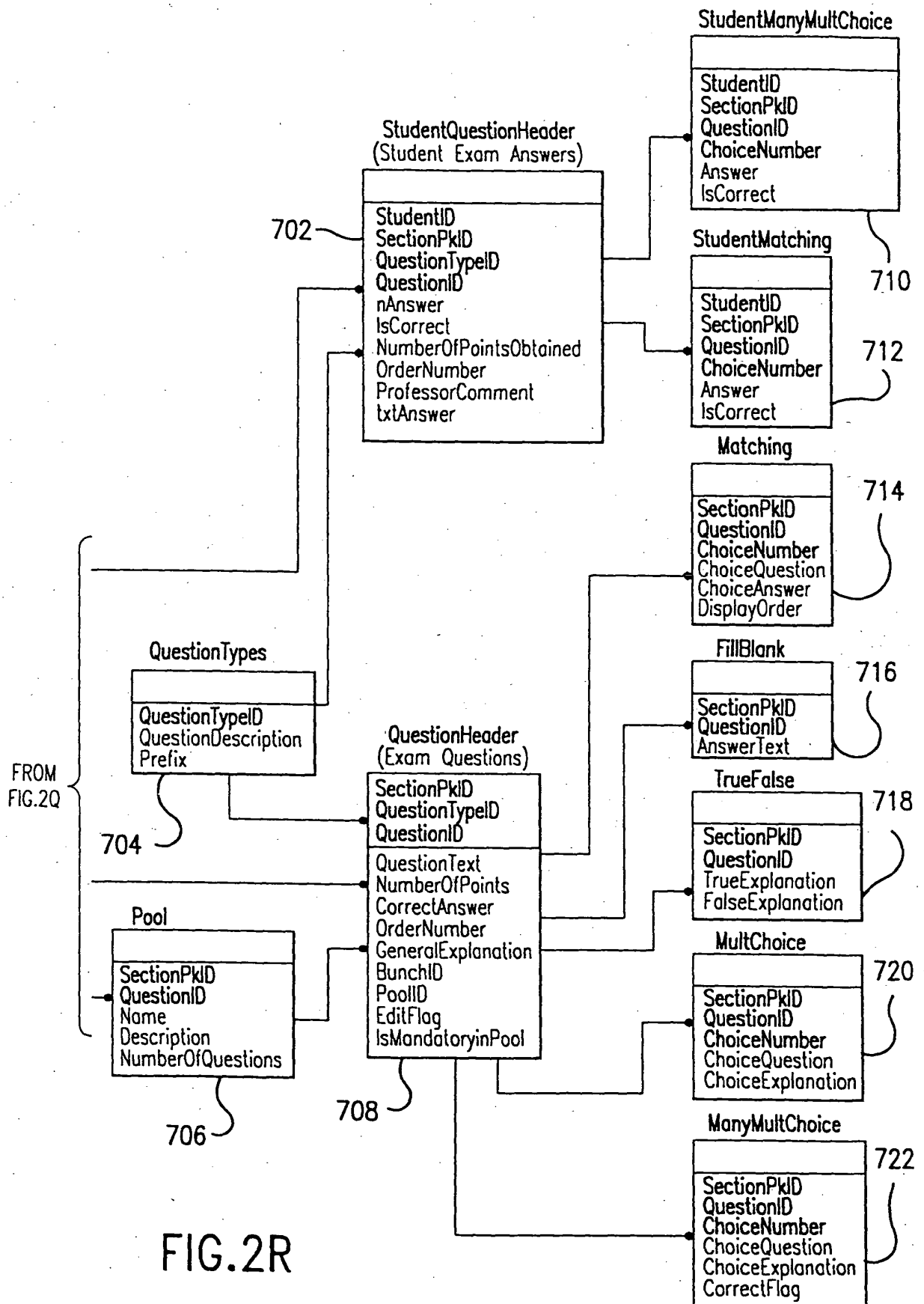


FIG. 2R

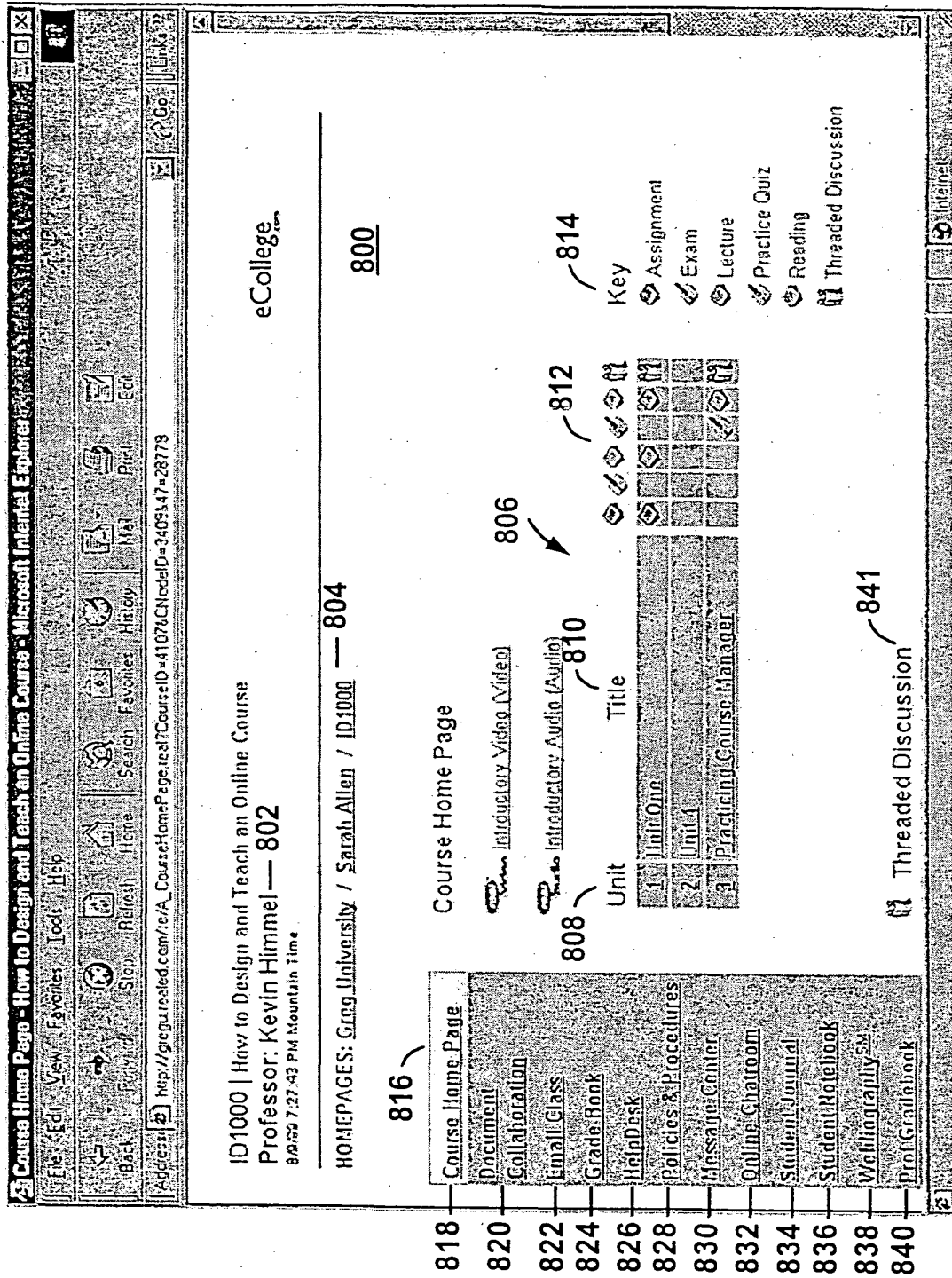


Fig 3A

The screenshot shows a web browser window with the address bar displaying: http://cuonline.edu/te/A_CourseHomePage.real?CourseID=34475&CNodeID=814&Action=SYLLABUS&7=37959. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar contains buttons for Back, Forward, Stop, Refresh, Home, Search, Favorites, History, Mail, Print, Edit, and Discuss. The main content area is titled "BIOL 3611-OL1 | Cell Biology" and "Professor: Marc Goalstone — 844". Below this, it says "8/17/00 4:12:00 PM Mountain Time". A navigation bar at the top right contains links for Home, Syllabus, Assignments, Exams, and a Search box. The main content area is divided into several sections:

- 844** (points to the navigation bar)
- 842** (points to the "Interactive Syllabus" section)
- 806** (points to the "Knowledge Bank" section)
- 814** (points to the "Unit" column header in the Knowledge Bank table)
- 812** (points to the "Title" column header in the Knowledge Bank table)
- 808** (points to the "Unit" column header in the Knowledge Bank table)
- 810** (points to the "Title" column header in the Knowledge Bank table)
- 818** (points to the "Course Home" link)
- 846** (points to the "Course Information" link)
- 830** (points to the "Message Center" link)
- 822** (points to the "Email Class" link)
- 832** (points to the "Online Chatroom" link)
- 820** (points to the "Document Sharing" link)
- 838** (points to the "Weblogography" link)
- 836** (points to the "Student Notebook" link)
- 834** (points to the "Student Journal" link)
- 824** (points to the "Grade Book" link)
- 826** (points to the "HelpDesk" link)

The "Knowledge Bank" section contains a table with the following data:

Unit	Title	Key	Assignment	Exam	Exam Key	Important Notice	Reading	Study Guide	Threaded Discussion	Unit Audio	Internal
1	June 1 - 6										
2	June 7 - 13										
3	June 14 - 20										
4	June 21 - 27										
5	June 28 - July 4										
6	July 5 - 11										
7	July 12 - 18										
8	July 19 - 25										

Fig 3B

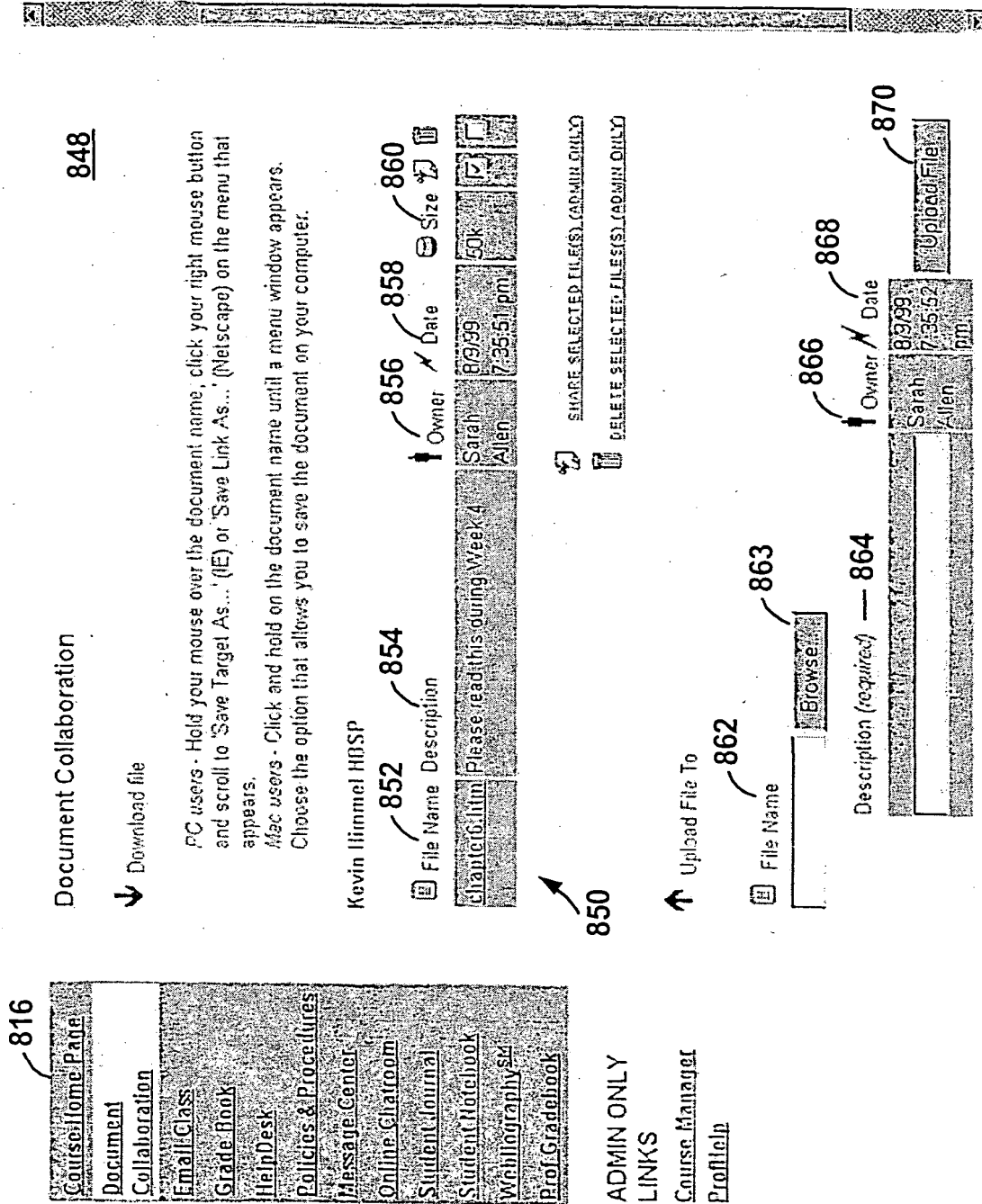


Fig 3C

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

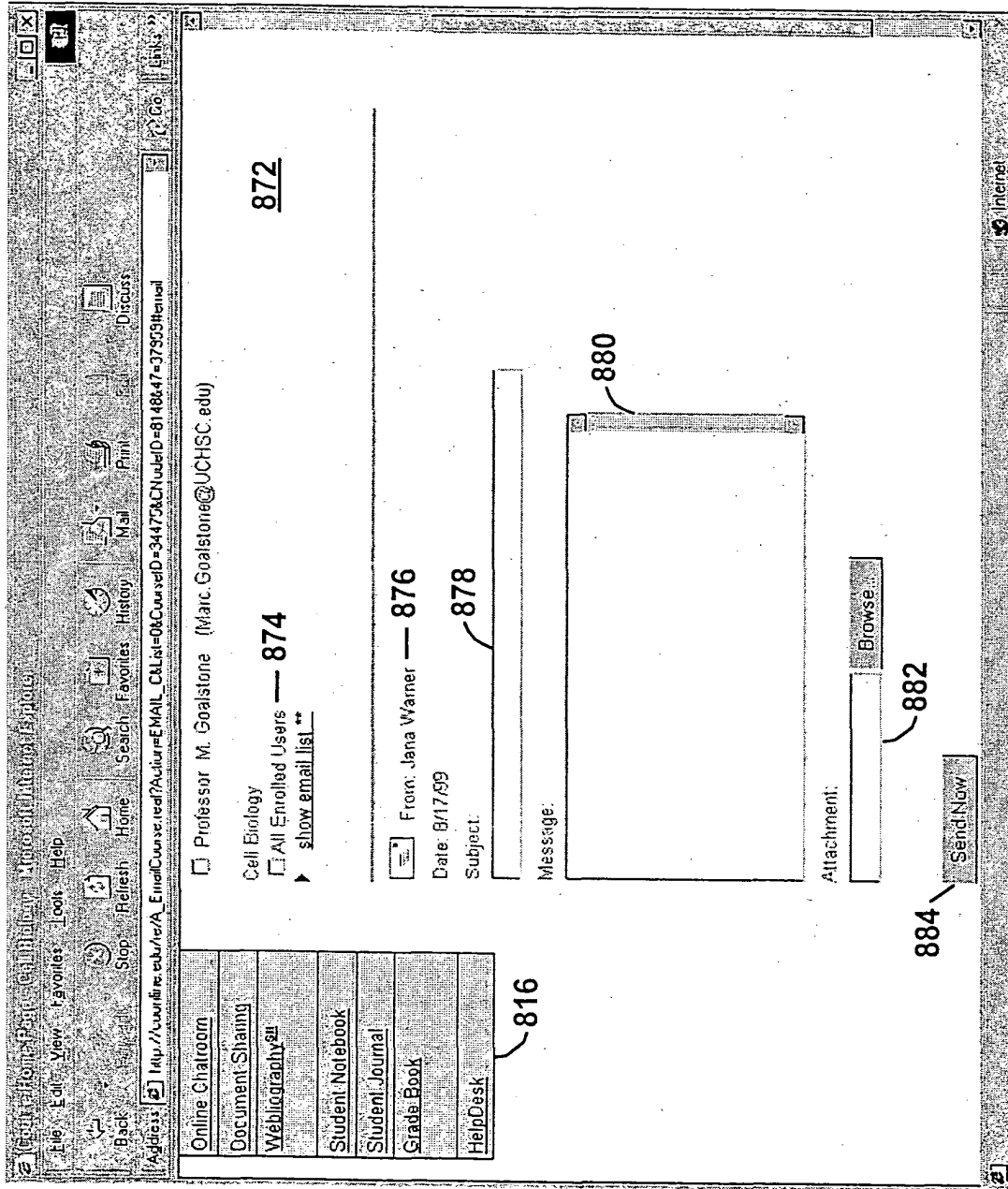


Fig 3D

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

<http://geocities.com/ro/Gradebook.html?CourseID=411E3AC&mode=ADMININGRADEBOOK&47-28773>

[Go](#)
[Back](#)

[Online Gradebook](#)
[BIO 361 Cell Biology](#)
[Exit](#)

[Setup Gradebook](#)
[View/Grade Student Work](#)
[View Class Roster](#)

[Gradebook Home](#)
[1](#)
[2](#)
[3](#)
[4](#)
[5](#)
[6](#)
[7](#)
[8](#)
[9](#)
[10](#)
[11](#)
[12](#)
[13](#)
[14](#)
[15](#)
[16](#)
[Final Grade](#)

816

[Numeric Grades](#)
[Letter Grades](#)

[Refresh Gradebook](#)

Student

888

890

	Journal Entry	Paperwork Cells	Reading	Test 2	Exam
gas student / gas student	98	78	0	88	0
student1 student	87	0	0	70	99
student2 student2	0	0	0	90	69
test student / test student	82	89	0	0	0

886

892

[Setup Gradebook](#)

Select the learning tools that you would like to add to the gradebook and enter desired custom gradebook entries.

[Course Learning Tools](#)

Assignment

[Add to Gradeable Items](#)

[Custom Gradebook Entry](#)

[Add to Gradeable Items](#)

[Update](#)

To add the chosen learning tools and custom items to the gradebook click in the checkboxes and click on the update button.

[Gradebook Items](#)

[Course Home](#)
[1](#)
[2](#)
[3](#)
[4](#)
[5](#)
[6](#)
[7](#)
[8](#)
[9](#)
[10](#)
[11](#)
[12](#)
[13](#)
[14](#)
[15](#)
[16](#)
[Final Grade](#)

Fig 3E

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

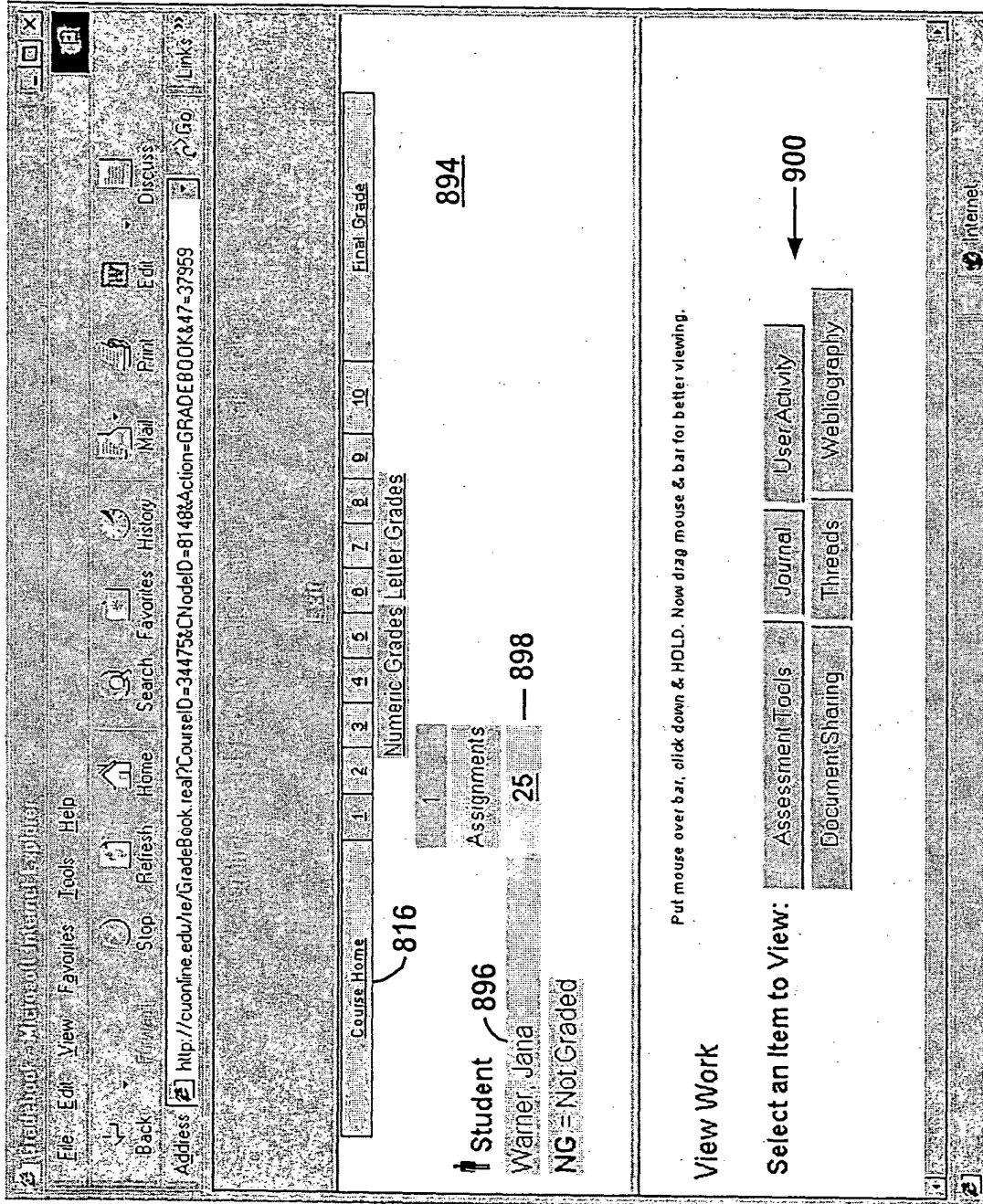


Fig 3F

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

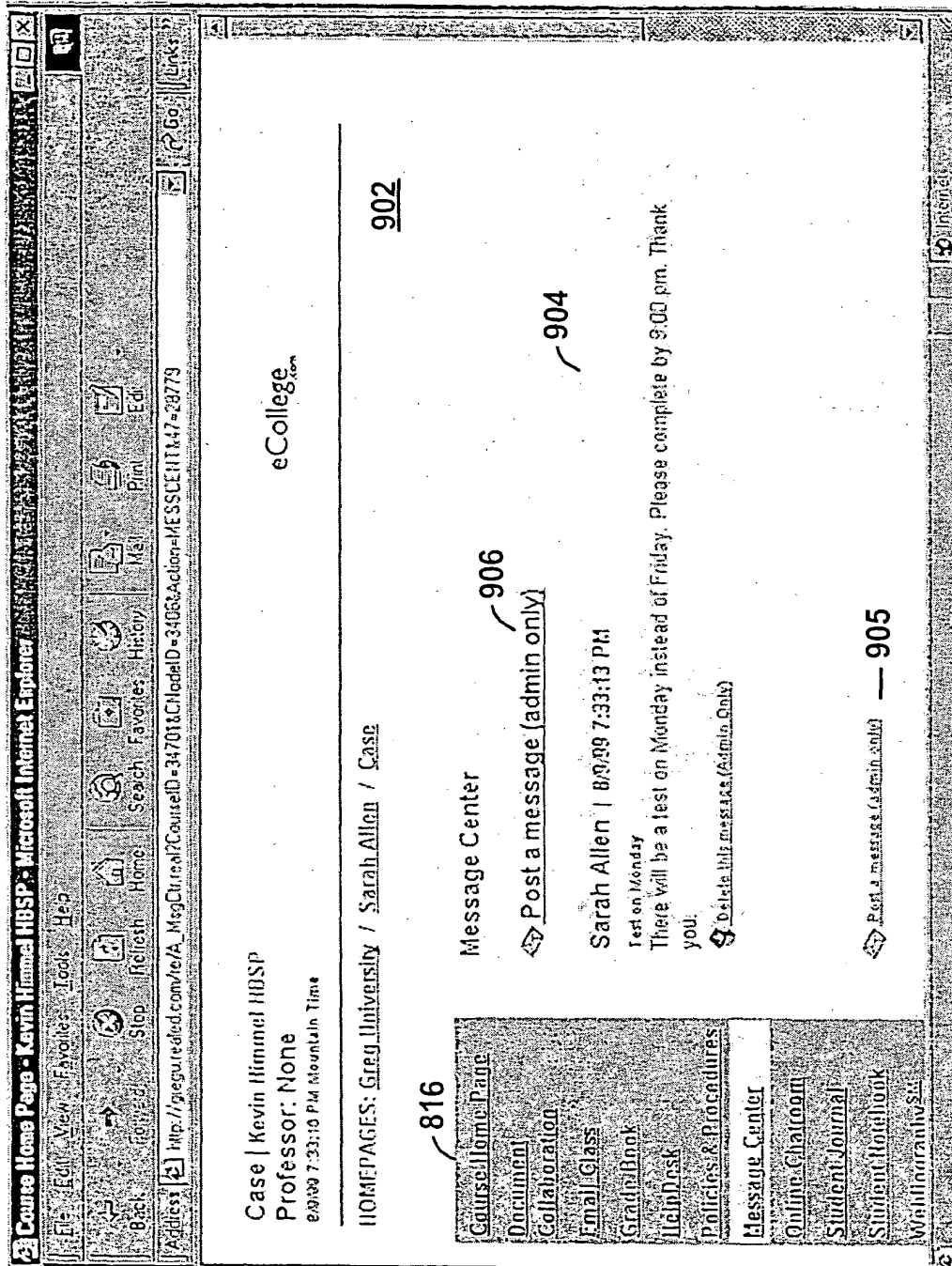


Fig 3G

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

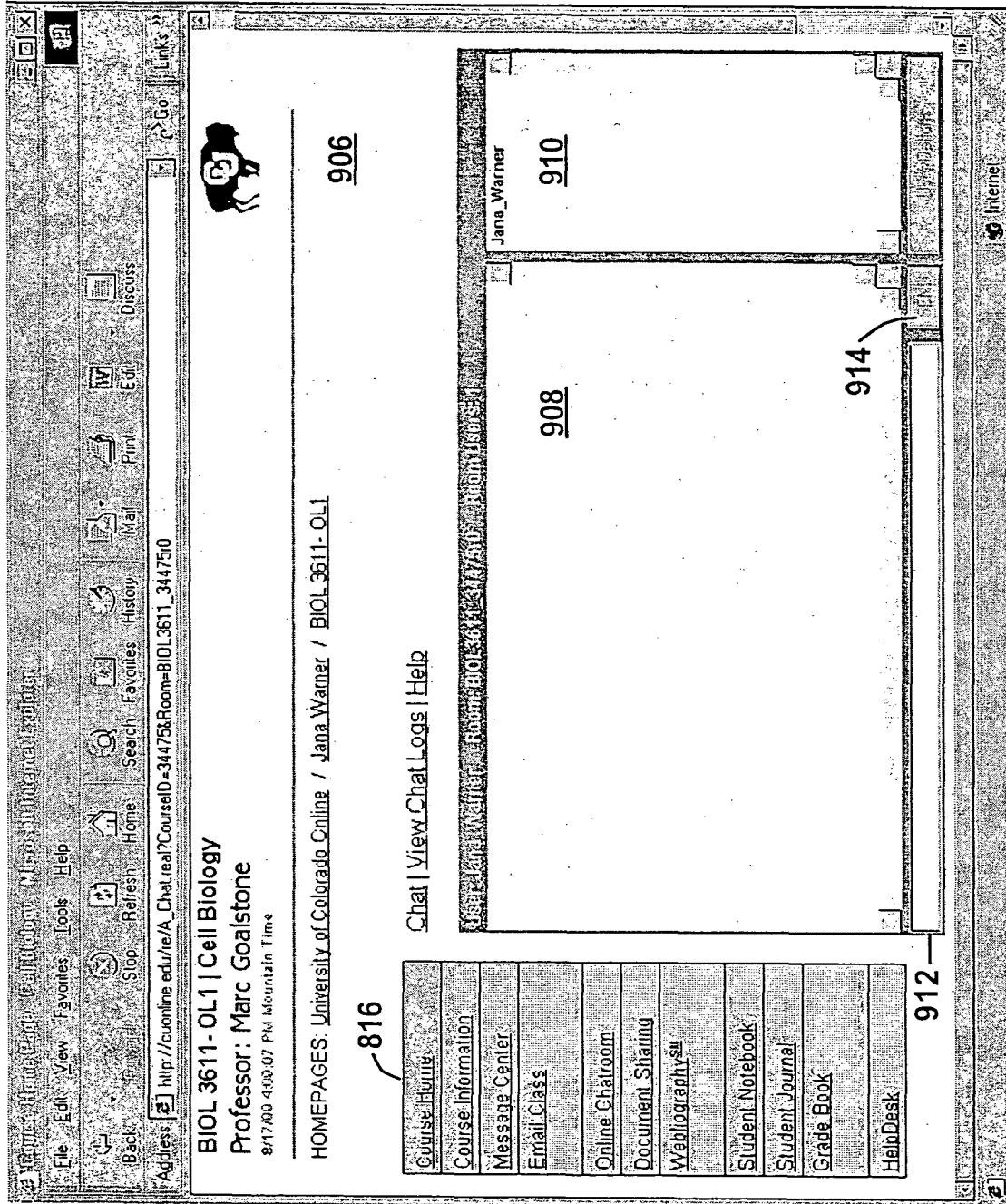


Fig 3H

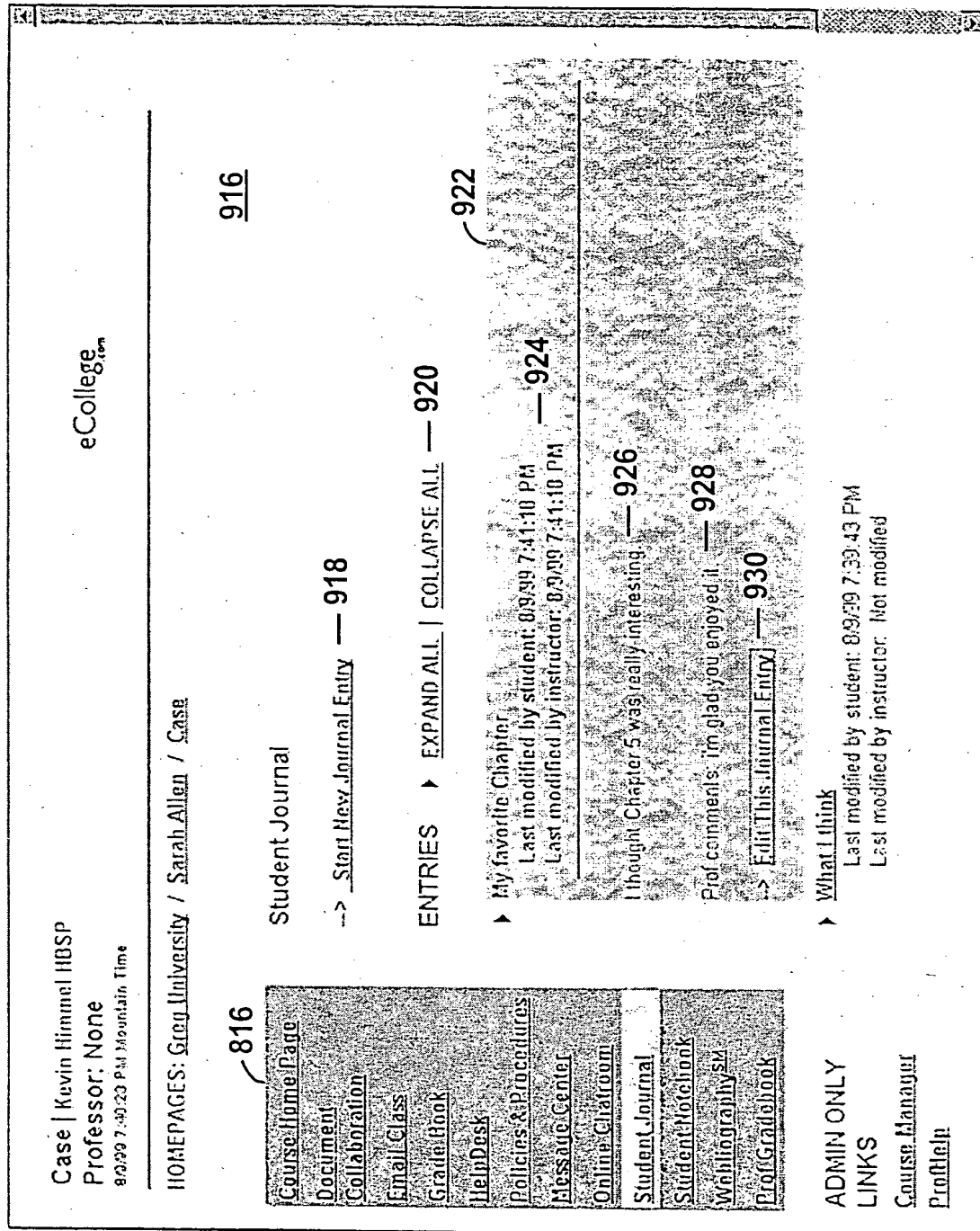


Fig 31

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

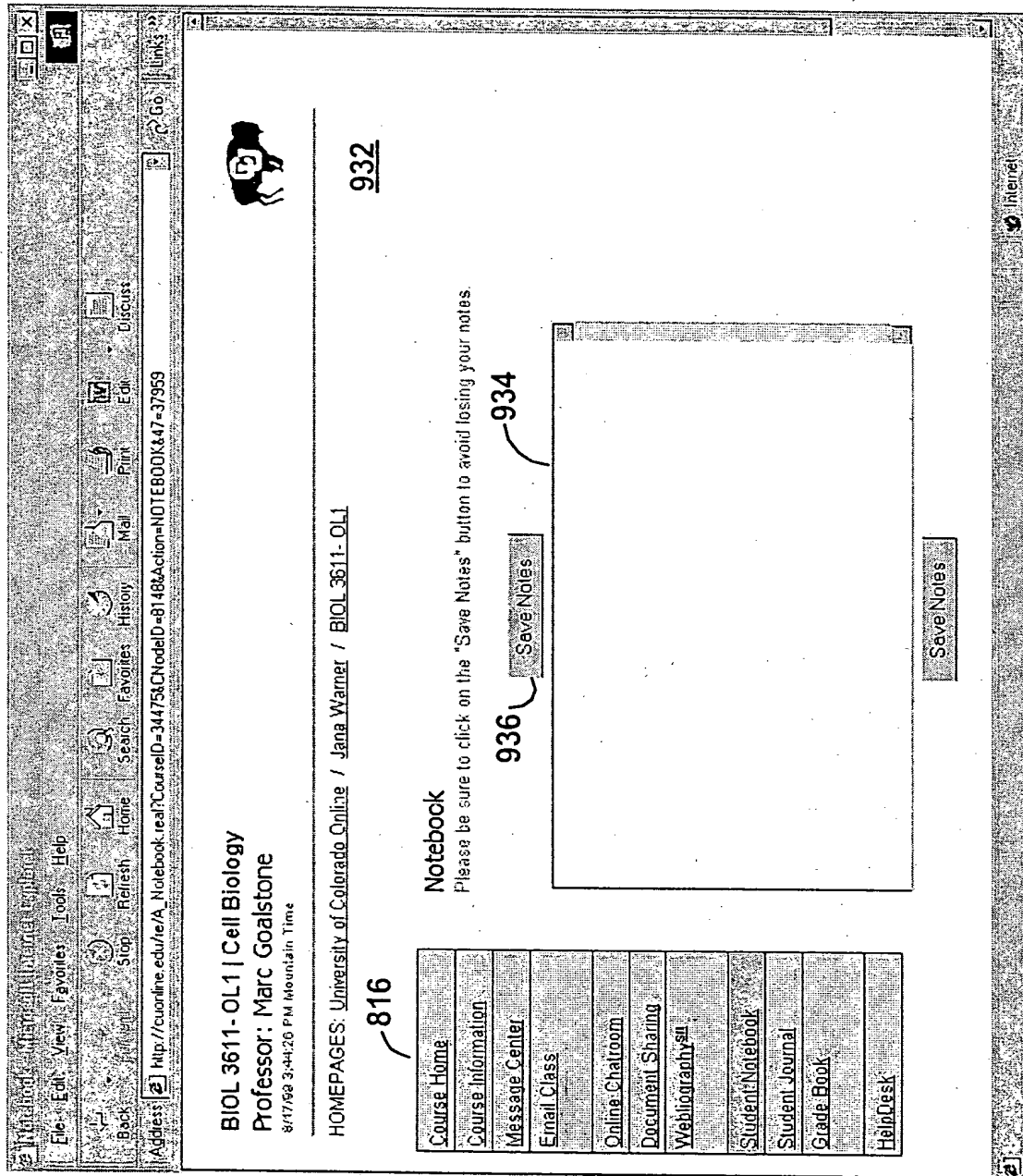


Fig 3J

BIOL 3611 | Cell Biology
Professor: prof prof
8:00 PM 7:52:28 PM Mountain Time

eCollege

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [BIOL 3611](#)

816

Course Home Page
Document Collaboration
Email Glass
Grade Book
HelpDesk
Policies & Procedures
Message Center
Online Chatroom
Student Journal
Student Notebook
Weblography
Prof Gradebook

938

Weblography

- [add new entry](#) — 940
- [view all entries](#) — 942
- [search](#) — 944

Results

2 item(s) are in the weblography.

- [Great Resource](#) — 946

Description: This is a great source to find content in cell biology — 948

[DELETE \(ADMIN ONLY\)](#)

- [My favorite](#) — 950

Description: This is where you can talk to other cell biology researchers — 952

[DELETE \(ADMIN ONLY\)](#)

ADMIN ONLY
LINKS

[Course Manager](#)
[Profile](#)

Fig 3K

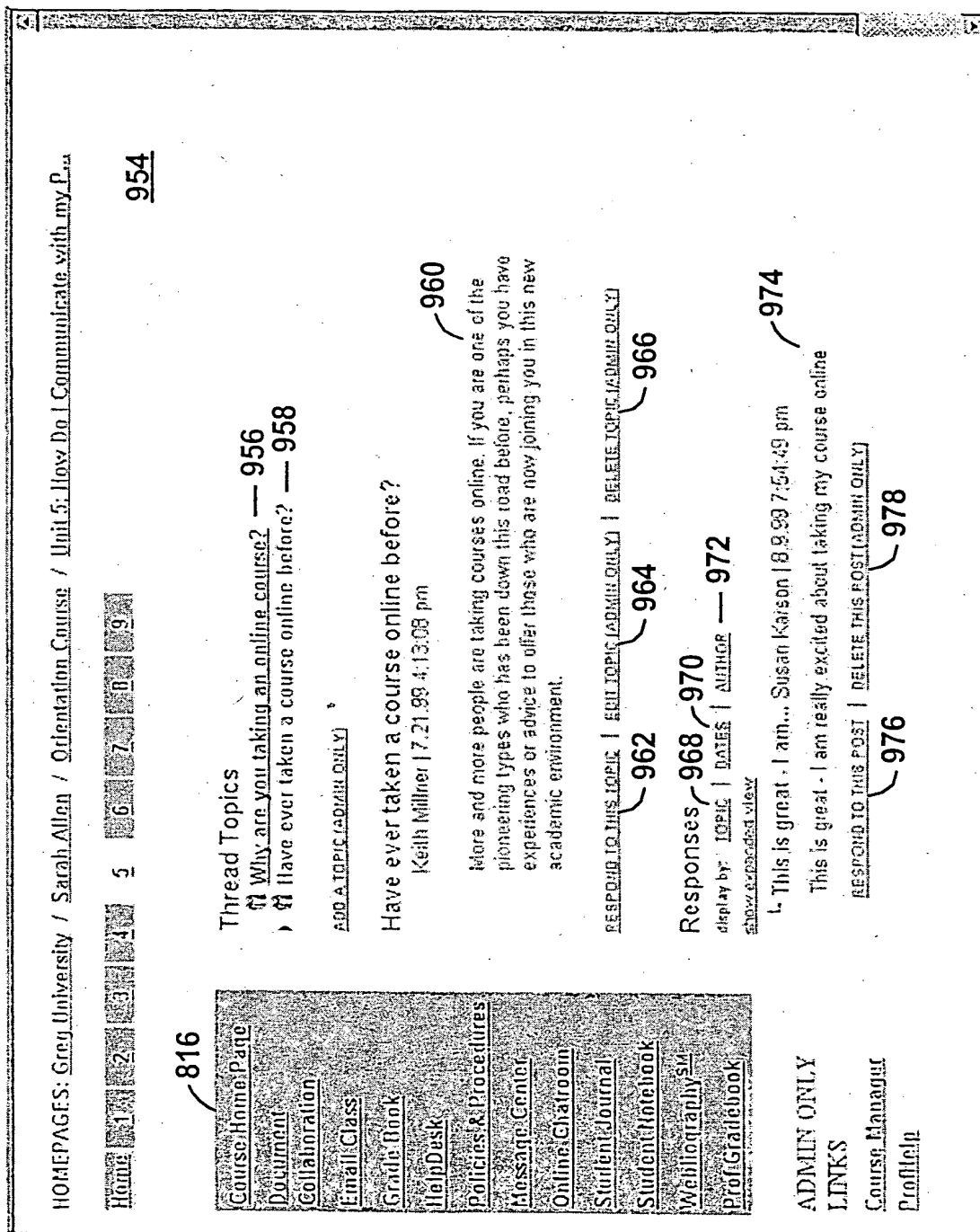


Fig 3L

Time Remaining: 0 hours 29 minutes 43 seconds

982

1. With online courses you do not have daily contact with your professor. Does this mean all online courses are self-paced? (1 point) (s) 984

☐ Yes

☐ No

980

2. Match the following terms with the correct definition. (3 point(s))

<input type="checkbox"/> E-mail	1) This synchronous form of communication can take place with the entire class, a small group, or a private meeting between my professor and me. In this type of communication, everyone involved must be logged in at the same time.
<input type="checkbox"/> Syllabus	2) This is what I would use to contact a fellow student(s) and/or the professor, without the message becoming a permanent part of the course.
<input type="checkbox"/> Online Classroom	3) My instructor may use one of these to communicate due dates for the course, and other course information.

986

Exam Navigation:

Click on the buttons below to switch between exam sections. Clicking on the buttons will also store your answers.

Exam Home
Section 1
Section 2
Section 3

Store your answers frequently during exam. Submit for grading when you are finished working on the exam.

Store Answers
Submit Exam For Grading

990 992

Fig 3M

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

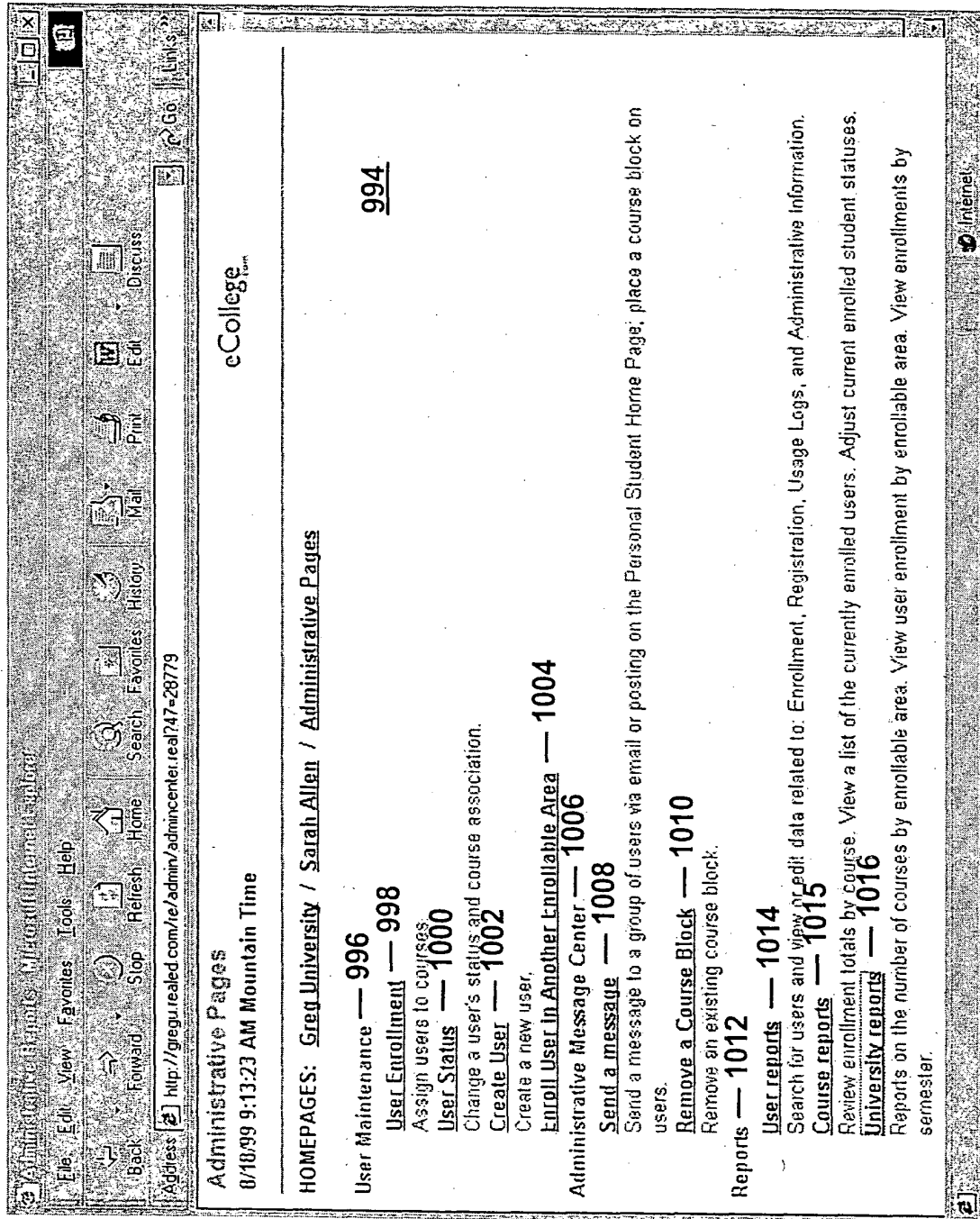


Fig 3N

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

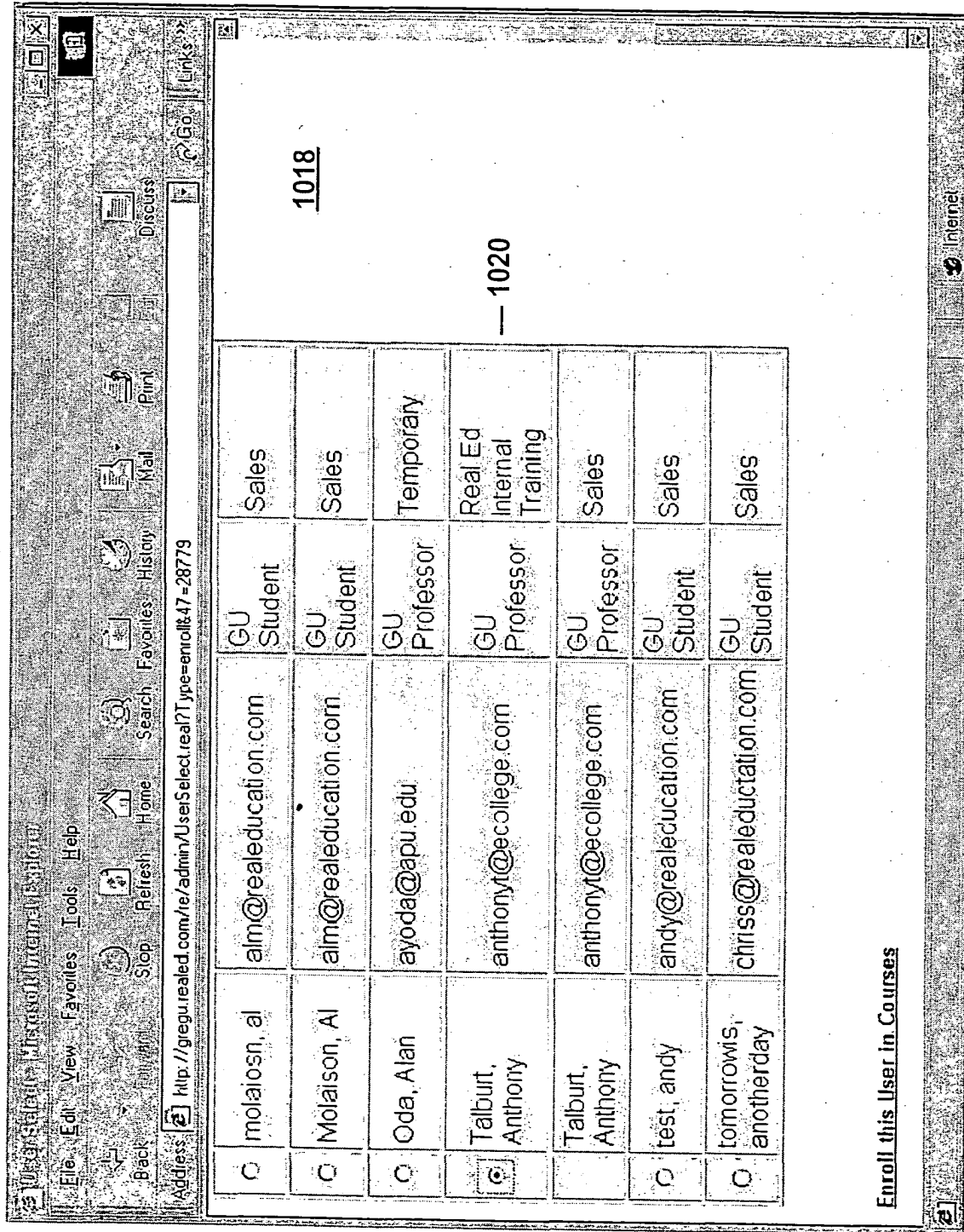


Fig 30

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

1022

1024

1026

1028

Update

Done

Internet

Enrollment Information for andy test

Sales Status

School	Current Status	Set New Status*	New Comment
Sales	GU Student		Enrolled In GregU - Assigned Role by Real System Admin

Course Enrollment

School	Semester	Course	Current Status	Set New Status*	New Comment
Sales	Demonstration	Jimf101	GU Student		Added to Course via ADD/DRC
Greg University	Special Courses	Orientation Course	GU Student		Auto Enroll in Orientation Course (from RS Admin Pages

Address: http://gregu.realed.com/re/admin/UserStat.real

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Discuss

Go Links

Fig 3P

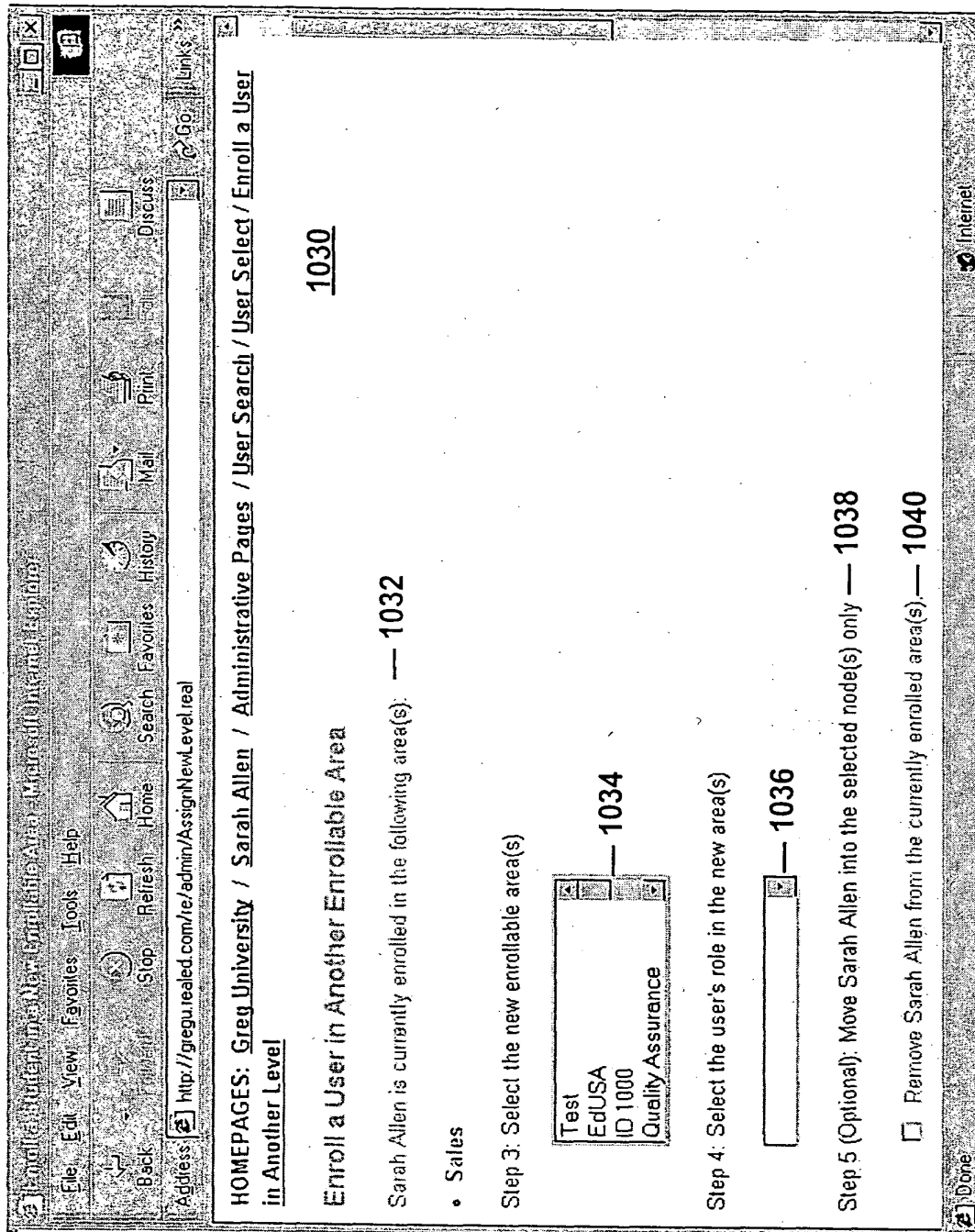


Fig 3Q

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

Internet Explorer: http://gregu.realed.com/re/admin/SendMessage.real?Type=0&47-28773

File Edit View Favorites Tools Help

Back Stop Refresh Home Search Favorites History Mail Print Discuss

Address [a] http://gregu.realed.com/re/admin/SendMessage.real?Type=0&47-28773

Step 4: Review user selection list, compose and send message

1052

Name	Email Address
<input checked="" type="checkbox"/> Baker, Beth	bethb@ecollege.com
<input checked="" type="checkbox"/> blink, blink	chriss@realed.com
<input checked="" type="checkbox"/> bob, bob	rebeccaw@realeducation.com
<input checked="" type="checkbox"/> bob16, bob16	bob16@realeducation.com
<input checked="" type="checkbox"/> Bunn, Becky	beckyb@ecollege.com
<input checked="" type="checkbox"/> Carter, Benjy	carter@realed.com
<input checked="" type="checkbox"/> Dobrin, Benjy	benjy@realed.com
<input checked="" type="checkbox"/> Dobrin, Benjy	benjyd@realeducation.com
<input checked="" type="checkbox"/> Feldman, Ratsv	betsy@heinemann.com

1042

From Email Address (required for email messages): 1044

Message Header: 1046

Message Text: 1048

☒ send this message as email
☒ send this message as web page post
☐ block these users from their course 1050

Send Message

Done Internet

Fig 3R

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

Address <http://gregu.ualied.com/ie/admin/UserReports.real?RepType=1&47=28779>

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Discuss

Administrative Pages **1054**

0/18/99 9:44:13 AM Mountain Time

HOME PAGES: [Greg University](#) / [Sarah Allen](#) / [Administrative Pages](#) / [User Search](#) / [User Select](#) / [User Reports](#)

User Reports: [Bratt Krichliver](#)

Enrollment Information | Registration History | Payment Information | Log | Full Detailed Report | Administrative Login

School	Semester	Course	Status Date	Status	Comment
Greg University			07/21/99	GU Drop	SYSTEM Auto Enroll Basic Orientation
Greg University			02/03/99	GU Student	SYSTEM Auto Enroll Basic Orientation
Greg University	Special Courses	Orientation Course	07/21/99	GU Student	Auto Enroll in Orientation Course (from RS Admin Pages)
Sales*	N/A	N/A	02/03/99	GU Professor	Enrolled in GregU - Assigned Role by Real System Admin
Sales	Demonstration	CO101	02/25/99	GU Student	
Sales	Demonstration	Sales	02/03/99	GU Professor	

* Denotes enrollable area status

1056

Done Internet

Fig 3S



Fig 3T

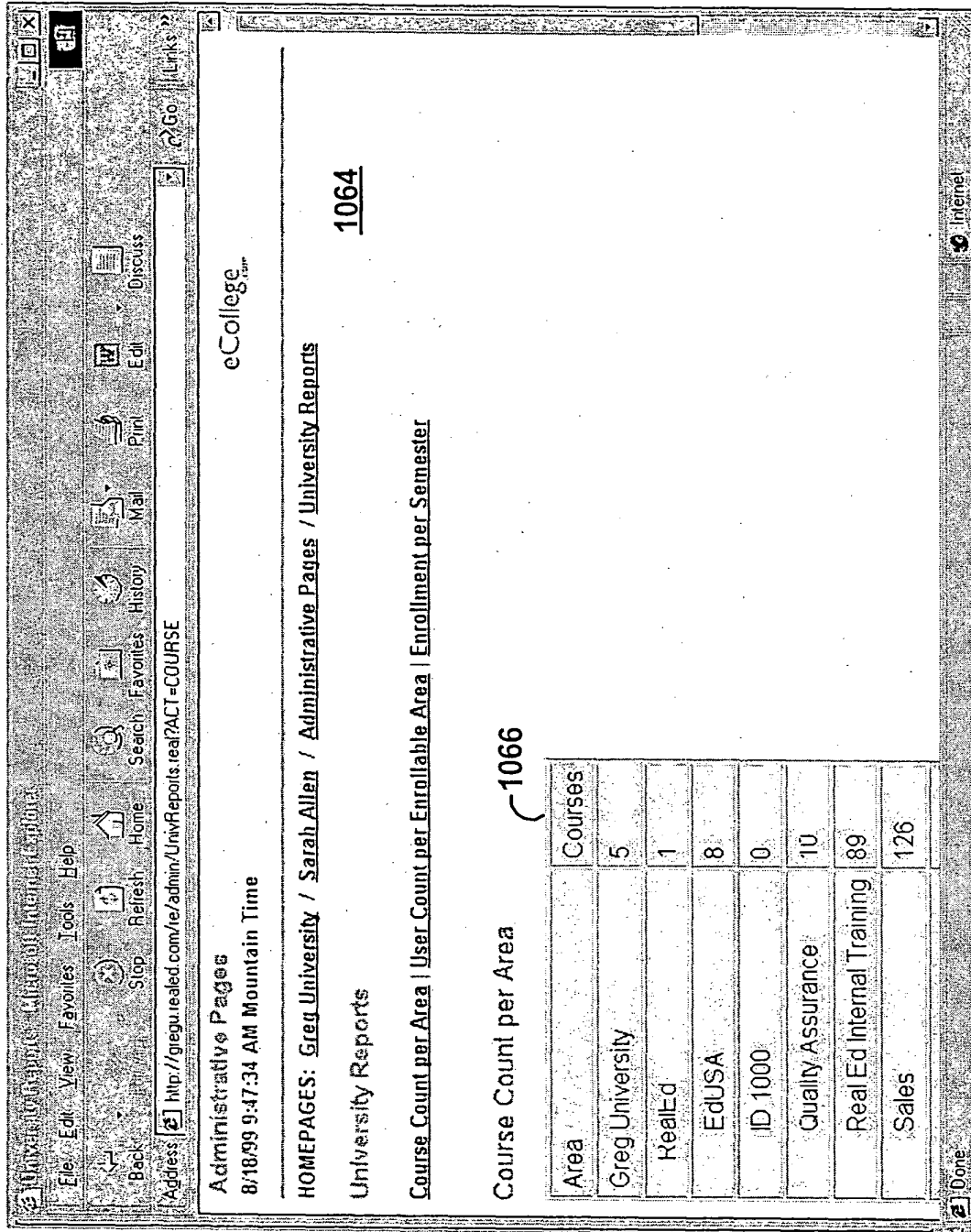


Fig 3U

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

Address: <http://grogui.realed.com/te/CourseManager/CM.html?CourseID=3405&7=28779>

CM AX / MP

Exit Course Manager

File Upload/Download

BIOL 3611

Unit1

Unit2

Unit Audio

Reading

Assignment

Unit3

Unit4

Unit Audio

Reading

Exam Key

Unit5

Unit6

Unit Audio

Reading

Upcoming Events

Unit7

Unit8

Unit9

Unit10

Unit11

Unit Audio

Reading

Upcoming Events

Study Guide

Unit12

Unit13

Unit14

1069

BIOL 3611 | Cell Biology

Professor: prof prof

8/10/09 10:17:51 AM Mountain Time

eCollege

1068

HOME PAGES: [Grog University](#) / [Sarah Allen](#) / [BIOL 3611](#)

Course Home Page

1070

1072

1074

1076

Unit Title

January 19-24

January 25-31

February 1-7

February 8-14

February 15-21

February 22-28

March 1-7

March 8-14

1070

Click here for Introductory Video (Video)

Course Home Page

Document

Collaboration

Email Class

Grades Book

Help Desk

Policies & Procedures

Message Center

Online Chatroom

Student Journal

Student Notebook

Webbingraphy

Prof. Gradebook

ADMIN ONLY

LINKS

Course Manager

Fig 3V

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

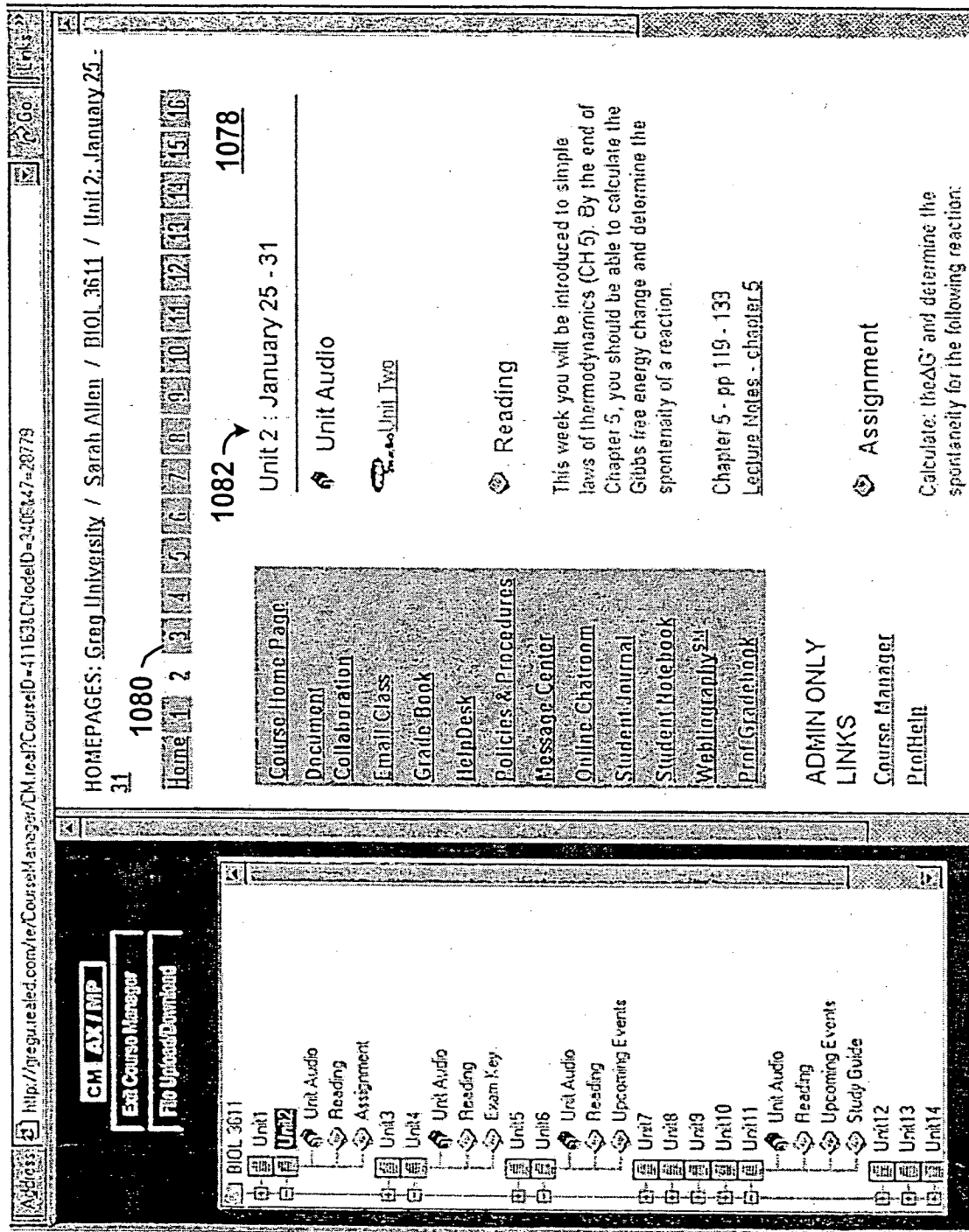


Fig 3W



Fig 3X

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

Author View 1102 1108 1116 1122 1100

1104 Using The Internet 1103 Course Author 1110 1112 1114 1118 1120 College

Gradebook Course Admin Email Chat Doc Sharing Journal Weblogography

Using the Internet Course Administration

Edit Course Information View/Edit Class Roster

General Course Information

Course Start Date: July 9 1999

Course End Date: July 9 2000

Course Title: Using the Internet

Unit Heading: Unit

Instructor Title: Instructor

Update

Course Enrollment Code

The course enrollment code is an access code, which can be given to students to enroll in this course. The code can be used by multiple students. To enroll, students enter the code in the access code input box at <http://www.ecollege.com>.

Course Enrollment Code: edg-IT101-GBGFELQ Reset Code

Exit Course Logout Help © 1998 eCollege.com

1106

FIG. 4A

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

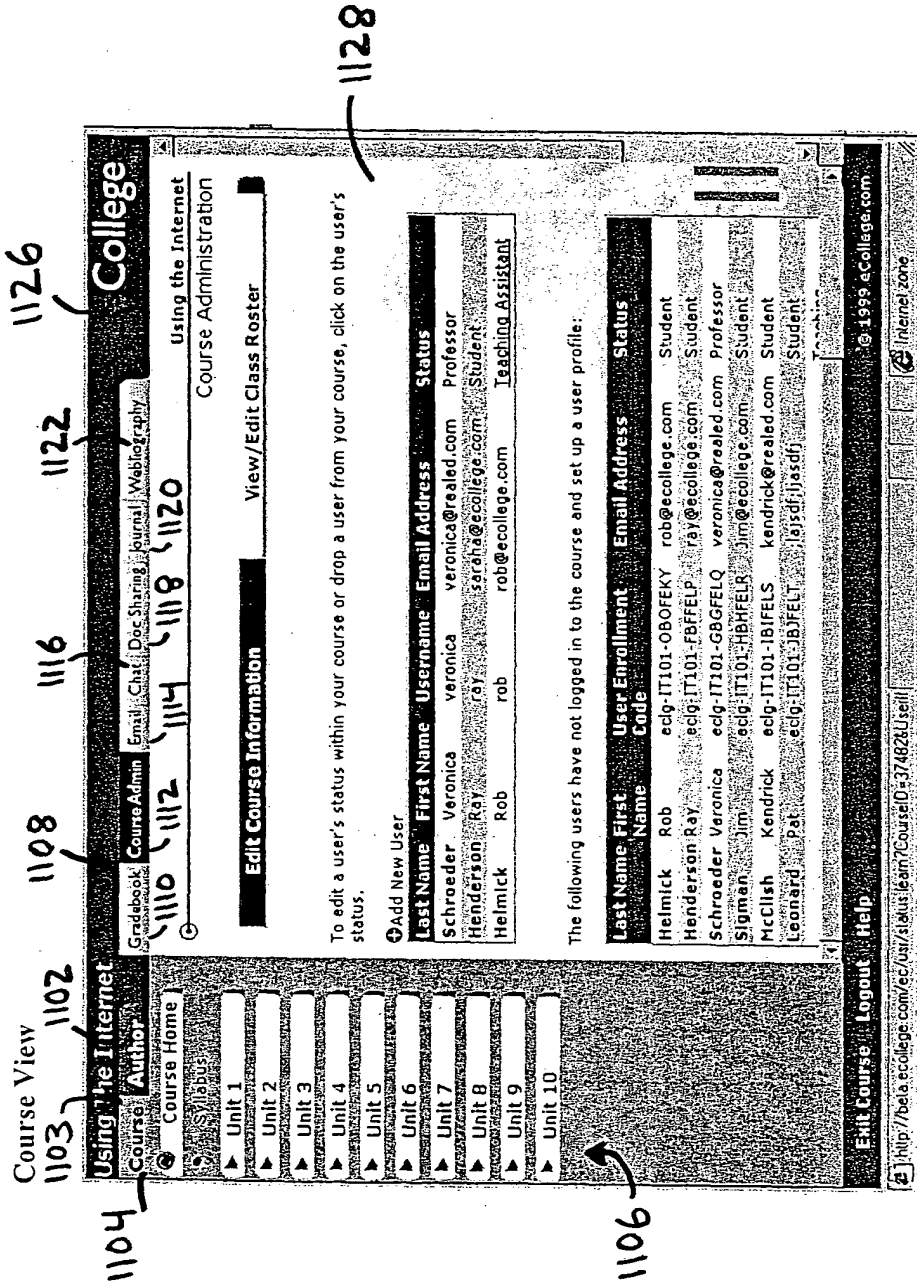


FIG. 4B

Calendar

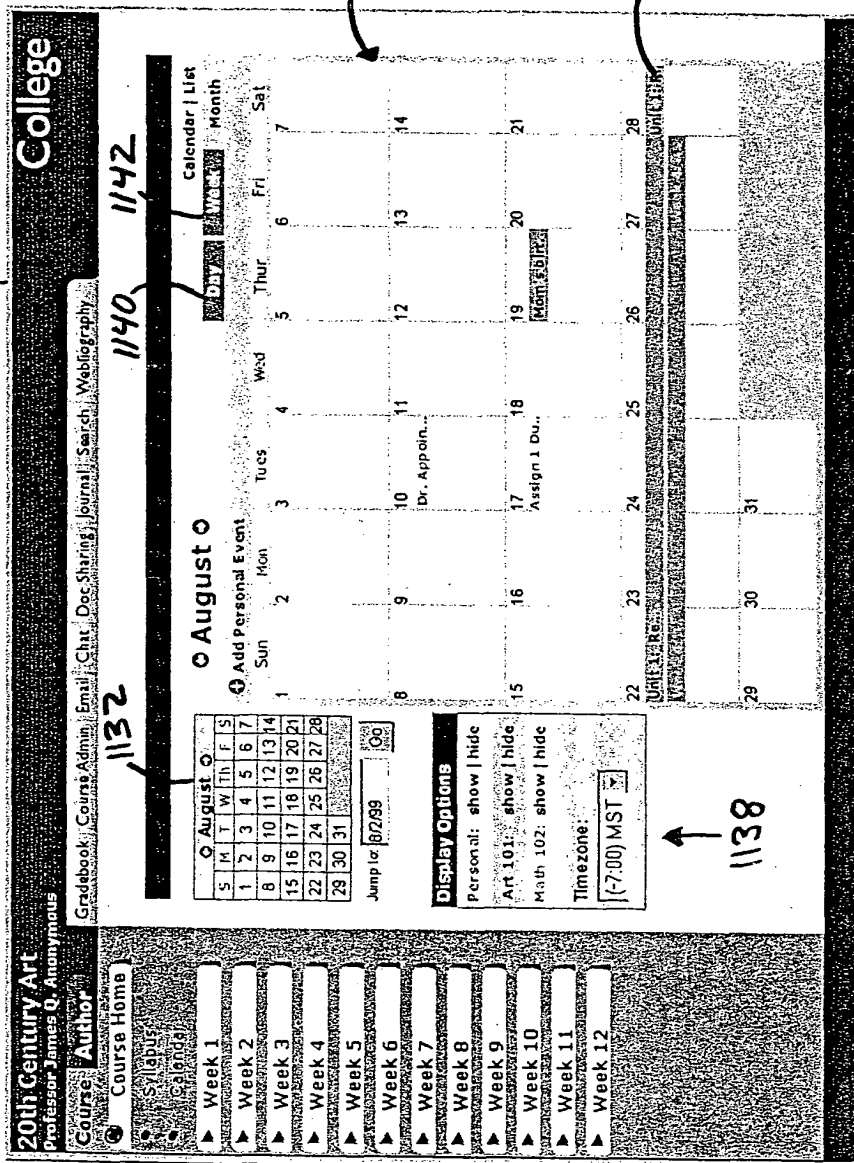


FIG. 4C

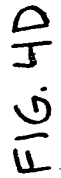


FIG. 4D

9411

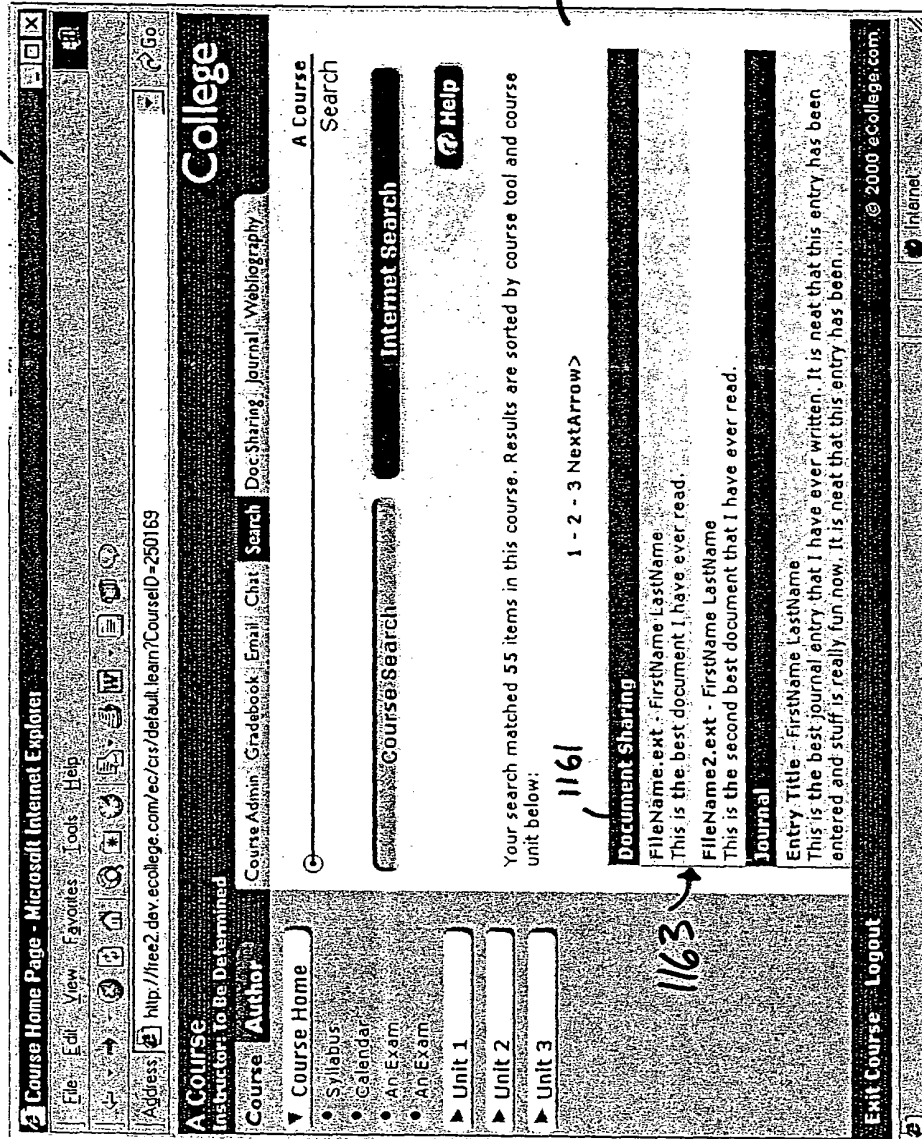


FIG. 4E

0911-1160

Title: ON-LINE EDUCATIONAL SYSTEM HAVING AN
ELECTRONIC NOTEBOOK FEATURE

Inventor(s): Vance Allen et al.

Docket No.: 42892.0117

Full Search Results

1148

Your search matched 55 items in this course. Results are sorted by course tool and course unit below:

Document Sharing

FileName.ext - FirstName LastName

This is the best document I have ever read.

FileName2.ext - FirstName LastName

This is the second best document that I have ever read.

Course Home

Announcements - Announcements Title

This is the second best announcement for this class ever.

Announcements - Another Title

This is the best announcement for this class ever.

Course Introduction

This is the best course ever. This is the best course ever. This is the best course ever. This is the best course ever.

Syllabus - The Course Description

The course description.

Calendar - Custom Course Event Title

The purpose of this event is to see a new movie and come back and report on this movie in the class threaded discussion.

Unit 4

Discussion

The thing that I think is most convincing is that fact that I have no idea what else to say. I mean I am really at a lose for words. I hope that I will think of something...

Course Search

Search For :

Search In :

- All -

Document Sharing

Journal

Webliography

Course Home

Unit 1

(Use shift-click or ctrl-click to select more than one item.)

Search

FIG. 4F